



# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

900 SOUTH FREMONT AVENUE  
ALHAMBRA, CALIFORNIA 91803-1331  
Telephone: (626) 458-5100  
<http://dpw.lacounty.gov>

GAIL FARBER, Director

ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1460  
ALHAMBRA, CALIFORNIA 91802-1460

February 12, 2013

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, California 90012

Dear Supervisors:

# ADOPTED

BOARD OF SUPERVISORS  
COUNTY OF LOS ANGELES

29 February 12, 2013

*Sachi A. Hamai*  
SACHI A. HAMAI  
EXECUTIVE OFFICER

**ADOPT, ADVERTISE, AND AWARD  
ADMIRALTY WAY STREET IMPROVEMENTS  
IN THE UNINCORPORATED COMMUNITY OF MARINA DEL REY  
(SUPERVISORIAL DISTRICT 4)  
(3 VOTES)**

### SUBJECT

This action is to adopt the Addendum to the Mitigated Negative Declaration to reflect minor changes in project construction methods and changes to landscaping materials; find that implementing the project changes will not create new or more severe significant effects from those already considered in the project's Mitigated Negative Declaration; and approve the project for the resurfacing of roadway pavement, traffic signal modification, median construction, and landscaping on Admiralty Way Street Improvements, in the unincorporated community of Marina del Rey; adopt the plans and specifications; call for bids; authorize the Road Commissioner or her designee to award and execute a consultant services agreement for the preparation of a baseline construction schedule and storm water pollution prevention plan for a fee not to exceed \$10,000 and a construction contract with the apparent responsible contractor with the lowest responsive bid; and delegate certain responsibilities to the Road Commissioner or her designee to carry out this project.

### **IT IS RECOMMENDED THAT THE BOARD:**

1. Consider the Addendum to the Mitigated Negative Declaration for the Admiralty Way Street Improvement project; find on the basis of the whole record before the Board that there is no substantial evidence the revised Admiralty Way Street Improvement project will not have a significant effect on the environment; find that the Addendum to the Mitigated Negative Declaration reflects the independent judgment and analysis of the Board; and adopt the Addendum to the Mitigated Negative Declaration.

2. Approve the project and adopt the plans and specifications that are on file in the Construction Division of the Department of Public Works for Admiralty Way Street Improvements, in the unincorporated community of Marina del Rey, at an estimated construction contract cost between \$3,200,000 and \$4,300,000.
3. Instruct the Executive Officer of the Board of Supervisors to advertise for bids to be received and opened on March 12, 2013, in accordance with the Instruction Sheet for Publishing Legal Advertisement.
4. Authorize the Road Commissioner or her designee to execute a consultant services agreement with the apparent responsible contractor with the lowest responsive bid to prepare a baseline construction schedule and a storm water pollution prevention plan for a fee not to exceed \$10,000 funded by existing project funds.
5. Authorize the Road Commissioner or her designee to award and execute a construction contract with the apparent responsible contractor with the lowest responsive bid within the estimated cost range, approve the Faithful Performance and Labor and Material Bonds and insurance submitted by the contractor, and deliver the project.
6. Delegate to the Road Commissioner or her designee the following authority in connection with this contract: (1) approve and execute change orders within the same monetary limits delegated to the Director of Public Works under Section 2.18.050 of the Los Angeles County Code relative to the construction of County buildings; (2) allow substitution of subcontractors and relief of bidders upon demonstration of the grounds set forth in Public Contract Code Sections 4100 et seq. and 5100 et seq., respectively; (3) accept the project upon its final completion; (4) release retention money withheld consistent with the requirements of Public Contract Code Sections 7107 and 9203; and (5) extend the date and time for the receipt of bids consistent with the requirements of Public Contract Code Section 4104.5.

#### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

The purpose of the recommended actions is to adopt the enclosed Addendum to the Mitigated Negative Declaration (MND), obtain approval of the project from the Board, adopt the plans and specifications, advertise for bids, and authorize the Road Commissioner or her designee to award and execute a consultant services agreement to prepare a baseline construction schedule and a storm water pollution prevention plan for a fee not to exceed \$10,000 funded by existing project funds and a construction contract with the apparent responsible contractor with the lowest responsive bid for roadway resurfacing and the performance of other appurtenant work.

The proposed consultant services agreement to prepare a baseline construction schedule and storm water pollution prevention plan that conforms to the County of Los Angeles' (County) specifications is critical to successfully manage construction activities by both the contractor and the County, and a responsible contractor must be able to produce these deliverables. Bid specifications provide that if the contractor fails to complete acceptable deliverables, the Department of Public Works (Public Works) may return to the Board to recommend that the bidder be determined nonresponsive and recommend awarding the construction contract to the next apparent responsible contractor with the lowest responsive bid contingent on that bidder completing deliverables which conform to the County's specifications.

The limits of the project are as follows:

- Admiralty Way - Via Marina to Fiji Way
- Via Marina - Marquesas Way to Washington Boulevard
- Bali Way - Admiralty Way to Lincoln Boulevard
- Mindanao Way - Admiralty Way to Lincoln Boulevard

### **Implementation of Strategic Plan Goals**

The Countywide Strategic Plan directs the provisions of Operational Effectiveness (Goal 1) and Integrated Services Delivery (Goal 3). The recommended actions will help achieve these goals by providing improved roadway facilities for the traveling public, which will benefit the community.

### **FISCAL IMPACT/FINANCING**

There will be no impact to the County General Fund.

The estimated construction contract cost to complete this project is in the range of \$3,200,000 to \$4,300,000. The total project cost is estimated to be \$5,812,000. In addition to the construction contract cost, the total project cost includes environmental clearance, plans and specifications, consultant services, survey, right-of-way and utility clearance, materials testing, inspection, contract administration, change order contingency, and other County services.

The project cost will be financed with \$4,004,000 from Proposition C Local Return Fund and \$1,808,000 from the Road Fund. Funding for this project is included in the Fourth Supervisorial District's Road Construction Program in the Fiscal Year 2012-13 Proposition C Local Return Fund and Road Fund Budgets. The Proposition C Local Return Fund will be reimbursed with \$699,000 from the Marina del Rey Traffic Mitigation Fee Account.

Upon completion of the project, the Los Angeles County Department of Beaches and Harbors (Beaches and Harbors) will maintain the landscaping improvements. Public Works will reimburse Beaches and Harbors \$300,000 annually for maintaining the roadway medians in the Marina del Rey area. Sufficient appropriation will be included in the Road Fund through the annual budget process to finance the ongoing maintenance performed by Beaches and Harbors.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

This project, to contract for street improvements, is part of Public Works' ongoing program for the maintenance of roadways. It will be advertised in accordance with Section 20392 of the State Public Contract Code.

This project is to be completed in 140 working days. It is estimated the work will start in June 2013 and be completed in December 2013.

Delegating to the Road Commissioner or her designee the authority to award and execute this construction contract allows an expedited contracting process to obtain a contractor for the street improvements.

The contract agreement will be in the form previously reviewed and approved as to form by County Counsel.

The award of the contract will not result in unauthorized disclosure of confidential information and will be in full compliance with Federal, State, and County regulations. The project specifications contain provisions requiring the contractor to comply with terms and conditions supporting the Board's ordinances, policies, and programs including, but not limited to: the County's Greater Avenues for Independence and General Relief Opportunities for Work Programs (GAIN and GROW), Board Policy No. 5.050; Contract Language to Assist in Placement of Displaced County Workers, Board Policy No. 5.110; Reporting of Improper Solicitations, Board Policy No. 5.060; Notice to Contract Employees of Newborn Abandonment Law (Safely Surrendered Baby Law), Board Policy No. 5.135; Contractor Employee Jury Service Program, Los Angeles County Code, Chapter 2.203; Notice to Employees Regarding the Federal Earned Income Credit (Federal Income Tax Law, Internal Revenue Service Notice 1015); Contractor Responsibility and Debarment, Los Angeles County Code, Chapter 2.202; the Los Angeles County's Child Support Compliance Program, Los Angeles County Code, Chapter 2.200; the Los Angeles County's Defaulted Property Tax Reduction Program Ordinance, Los Angeles County Code, Chapter 2.206; and the standard Board-directed clauses that provide for contract termination or renegotiation.

The State Public Contract Code requires the County to award construction contracts to a responsible contractor with the lowest responsive bid, which is defined as the firm that: (1) submits the bid with the lowest cost; (2) is deemed by the County to be responsive to specific criteria under the solicitation including, but not limited to, licensure, bonding, and insurance requirements; and (3) is determined by the County to be a responsible bidder by exhibiting the capability, capacity, experience, trustworthiness, and financial wherewithal to perform the work required under the bid solicitation.

To ensure that the contract is awarded to a responsible contractor with a satisfactory history of performance, bidders are required to report violations of the False Claims Act, criminal convictions, civil litigation, defaulted contracts with the County, complaints filed with the Contractor's State License Board, labor law/payroll violations, and debarment actions. As provided for in Board Policy No. 5.140, the information reported by the contractor will be considered before making a recommendation to award.

The plans and specifications include the contractual provisions, methods, and material requirements necessary for this project and are on file with Public Works.

## **ENVIRONMENTAL DOCUMENTATION**

On October 30, 2012, Agenda Item 35, the Board approved the MND for the Admiralty Way Settlement Repair project and approved a Mitigation Monitoring and Reporting Program. The MND found that the project will not have a significant effect on the environment in accordance with the provisions of California Environmental Quality Act (CEQA). In accordance with Sections 15162 and 15164(b) of the CEQA Guidelines, an Addendum to the MND was prepared, since there are only minor construction changes that do not result in any significant effect on the environment. The changes are identified in the Addendum. Upon the Board's adoption of the Addendum to the MND, Public Works will file a Notice of Determination for the revisions to the MND in accordance with Section 21152(a) of the California Public Resources Code and pay the required filing and processing fees with the County Clerk in the amount of \$75.

**CONTRACTING PROCESS**

This project will be contracted on an open-competitive bid basis. A recommendation for award by the Road Commissioner or her designee will be made upon review of the bids meeting the criteria established by the Board and the State Public Contract Code.

To increase contractor awareness of Public Works' program to contract work out to the private sector, this project will be listed on the County website for upcoming bids.

**IMPACT ON CURRENT SERVICES (OR PROJECTS)**

When the project is completed, it will have a positive impact by providing improved roadway facilities for the traveling public, thereby benefiting the community.

**CONCLUSION**

Please return one adopted copy of this letter to the Department of Public Works, Construction Division.

Respectfully submitted,

A handwritten signature in cursive script that reads "Gail Farber".

GAIL FARBER

Director

GF:JTS:lg

Enclosures

c: Chief Executive Office (Rita Robinson)  
County Counsel  
Executive Office  
Beaches and Harbors  
Internal Services Department (Countywide  
Contract Compliance)

**COUNTY OF LOS ANGELES  
DEPARTMENT OF PUBLIC WORKS**

**ADDENDUM TO A MITIGATED NEGATIVE DECLARATION  
ADMIRALTY WAY STREET IMPROVEMENT PROJECT**

**SUBJECT:** Preparation of an Addendum to a Mitigated Negative Declaration (MND) in compliance with the State Guidelines for the Implementation of the California Environmental Quality Act, Section 15164.

**REFINED PROJECT:** The County of Los Angeles Department of Public Works is proposing to make minor changes to the approved Admiralty Way Street Improvement project. The approved project includes resurfacing the existing roadway pavement, reconstructing medians, and upgrading signals on Admiralty Way from Via Marina to Fiji Way; Via Marina from Marquesas Way to Washington Boulevard; Bali Way from Admiralty Way to Lincoln Boulevard; and Mindanao Way from Admiralty Way to Lincoln Boulevard (see attached map). The project also includes landscaping the median islands with the planting of 83 trees. Shrubs, grasses, and groundcover will also be part of the landscape work. The refined project would include landscaping that would better conform with the current intent of the Marina del Rey Design Guidelines.

**LOCATION:** The approved project is located within the County of Los Angeles unincorporated community of Marina del Rey. Admiralty Way, Via Marina, Bali Way, and Mindanao Way at the project site are aligned within the public road right of way in the vicinity of Oxford Detention Basin, Burke Park, and Lincoln Boulevard on the northerly and northeast sides and the Marina del Rey marina being located south, east, and west of the project limits. The proposed changes involve the same project area location.

**APPROVED PROJECT DESCRIPTION:** The approved project includes resurfacing the existing roadway pavement, reconstructing medians, and upgrading signals on Admiralty Way from Via Marina to Fiji Way; Via Marina from Marquesas Way to Washington Boulevard; Bali Way from Admiralty Way to Lincoln Boulevard; and Mindanao Way from Admiralty Way to Lincoln Boulevard, by the Department of Public Works (Public Works).

The approved project includes resurfacing the existing roadway pavement and reconstructing curbs, gutters, sidewalks, driveways, and median islands that have been damaged by trees in the project area. The resurfacing on Admiralty Way involves removing the pavement surface to a depth of 4.5 inches and recycling the asphalt concrete (AC) millings with cement to produce a Cement Treated Pulverized Asphalt Concrete Base and applying a 1.5 inch Asphalt Rubber Hot Mix to the finished surface. Resurfacing on Via Marina, Bali Way, and Mindanao Way would include cold milling the existing Asphalt Concrete pavement to a depth of 1.5 inches and applying a 1.5 inch Asphalt Rubber Hot Mix to the finish surface. There are several trees to be removed, which include 21 trees along the parkway and 57 trees in the median islands. The median work will include relocation and roadway restriping to allow for the following: a third westbound lane at the intersection of Admiralty Way and Palawan Way to provide a right turn lane; a second left turn lane on eastbound Admiralty Way at Bali Way; and a second left turn lane on eastbound Admiralty Way at Mindanao Way. The project includes landscaping the median islands with the planting of 83 trees, shrubs, grasses, and groundcover. The work also involves upgrading traffic signals, restoring the existing street lights, traffic loops, and signage updating. Right-of-way acquisition will not be required.

DATE OF  
PROJECT  
APPROVAL:

MND approved on October 30, 2012.

PUBLIC  
AGENCY  
APPROVING  
PROJECT:

Los Angeles County Board of Supervisors

BACKGROUND  
INFORMATION:

The purpose of the proposed project is to enhance safety and mobility for both pedestrians and motorists.

ADDITIONAL  
INFORMATION  
CHANGES:

This Addendum to the MND is necessary to address proposed minor changes in the method of resurfacing the pavement on Admiralty Way and changes to the tree palette being proposed as replacement trees in the median islands.

The approved resurfacing project is described above. Public Works has determined that a resurfacing change would now consist of removing the existing pavement to a depth of 4 inches and installing 2.5 inches of conventional hot mix asphalt and 1.5 inches of Asphalt Rubber Hot Mix as a finish surface. This change is prompted by a change in construction schedule for the project. Our current schedule predicts that we will be paving at the beginning of the winter months instead of in the summer, and it is Public Works' standard practice to pave with conventional hot mix in the winter, as opposed to the use of the asphalt recycling method of installation. This minor change in the method of construction does not change the circumstances under which the project is proposed and will not lead to any environmental impacts that were not previously analyzed in the approved MND. No additional mitigation is required. Accordingly, there is no change to the previous analysis or significance conclusions.

The MND also included: **AESTHETICS Mitigation Measure AES-1:** Eighty three California Native trees (24-inch box) will be replanted in the medians on Admiralty Way of the proposed project to replace the 78 trees removed as a part of this project (See Appendix A). The tree removal and replanting work will be implemented in accordance with the guidelines and requirements of the 'Conservation and Management Plan for Marina del Rey, Los Angeles County California, August 19, 2010.' All necessary notifications, biological surveys, and post planting monitoring reports will be performed.

< [http://file.lacounty.gov/dbh/docs/cms1\\_150561.pdf](http://file.lacounty.gov/dbh/docs/cms1_150561.pdf) >

However, subsequent landscape design work revealed that there appears to be an inadequate supply of California native trees of sufficient size to complete the project. Using non-native trees meets the mitigation intent and would additionally provide an improvement aesthetically due to the larger size of the proposed trees and stronger visual statement, which more closely conforms with the current intent of the Marina del Rey Design Guidelines. In the course of finalizing the project plans, on December 19, 2012, Public Works consulted with the Marina del Rey Design Control Board, a five member Board established by the Los Angeles County Board of Supervisors and received their input on the design of landscaping. At this meeting, the Marina del Rey Design Control Board supported the use of non-native trees for this project. Therefore, it is now proposed to plant drought tolerant non-native trees in place of native trees. As a result of this revision to the tree palette, minor changes to the Aesthetics Mitigation Measure AES-1 and Biological Resources discussions in the MND are necessary as shown below. There are no additional or increased



impacts created as a result of the change and no further mitigation is necessary. The remaining environmental factors discussed in the MND are unaffected by the changes in the tree palette.

AESTHETICS Mitigation Measure AES-1: The first sentence of Mitigation Measure AES-1 (see attached "Program for Reporting and Monitoring the Implementation of Environmental Mitigation Measures" is revised to read:

Eighty-three drought tolerant non-native trees will be replanted in the medians on Admiralty Way of the proposed project to replace the 78 trees removed as a part of this project. Revisions for the replacement trees in the median islands will provide a more diverse tree palette of non-native drought tolerant trees. This will create a landscaping impact that is in conformance with the current intent of the Marina del Rey Design Guidelines. Replacement trees were discussed in the original document, and this revision to the mitigation monitoring program will continue to ensure that any impacts will remain below the level of significance. Therefore, impacts on aesthetics would continue to be considered less than significant. Accordingly, there is no change to previous analysis or conclusions for aesthetics.

BIOLOGICAL RESOURCES: Preconstruction surveys were required prior to the removal of all trees. The surveys were performed on November 9 and 19 in accordance with the Conservation and Management Plan for Marina del Rey and the tree management policy in the Marina del Rey Land Use Plan. The surveys concluded there were no nesting birds in the trees removed. The replanting of trees will not conflict with local policies or ordinances of protecting biological resources. Thus, impacts will be considered less than significant. Accordingly, there is no change to the previous analysis or conclusions for protecting biological resources.

**FINDING:** The Addendum to the MND has been prepared pursuant to the California Environmental Quality Act Guidelines, Section 15164(b). The implementation of the proposed modifications will not result in any new impacts to the environment.

The changes discussed within this document are changes as discussed in State California Environmental Quality Act Guidelines, Section 15164(b). The proposed revision to the method of resurfacing and the change in plant palette are minor technical changes and do not substantially change the circumstances under which the project is proposed, and do not raise to the level of significance new information that would have triggered either a

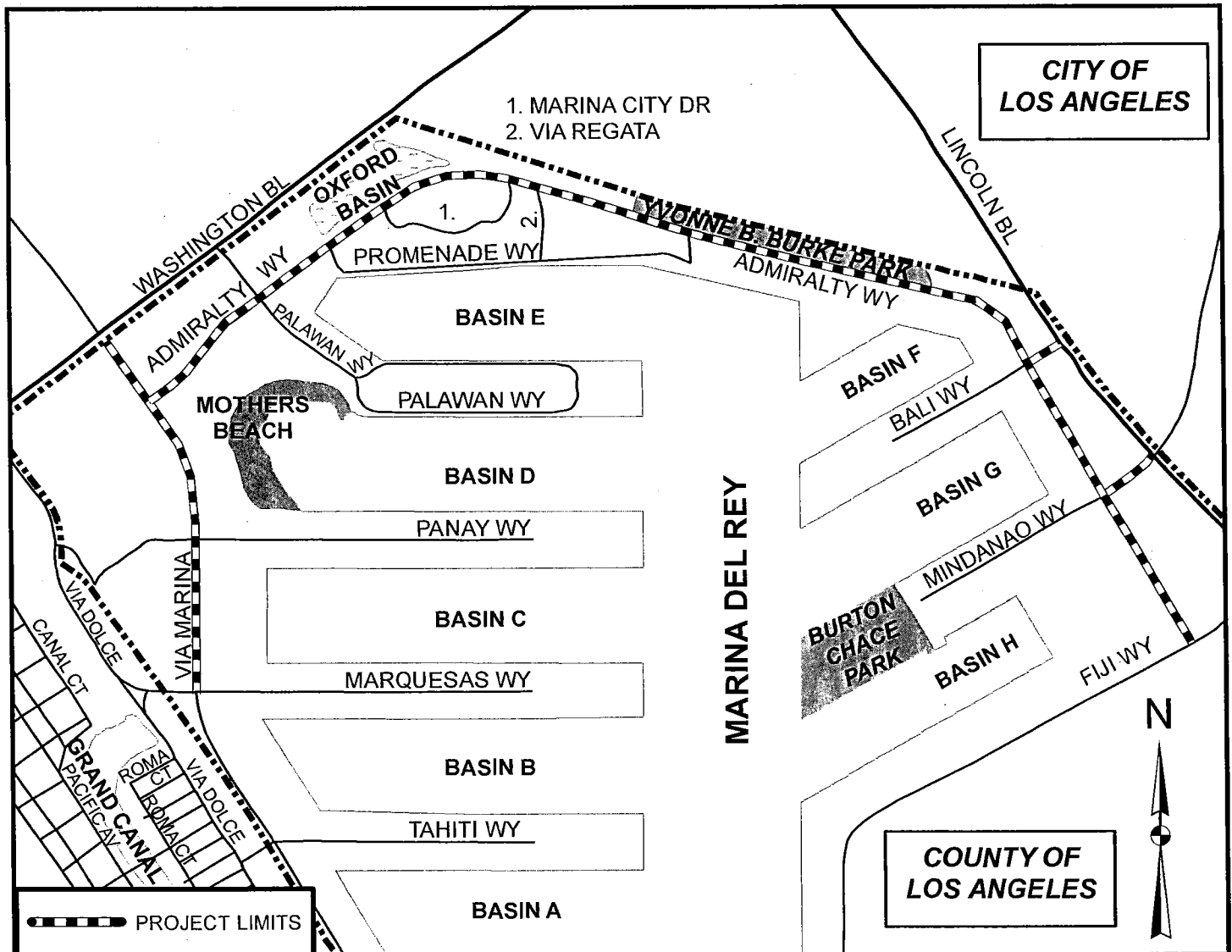
subsequent or supplemental MND as discussed in State California Environmental Quality Act Guidelines Section 15162(b). The proposed project will still have to comply with all previously identified feasible mitigation measures. With the incorporation of the approved mitigation, all impacts of the refined project will continue to be below the level of significance. Thus, the revisions to the project will not result in any significant impacts.

#### ADDENDUM

PREPARATION: This Addendum to the MND was prepared by the County of Los Angeles Department of Public Works, Programs Development Division. The contact person is Ms. Sarah D. Scott at (626) 458-3916. This Addendum was completed on January 14, 2013.

Figure 2

# ADMIRALTY WAY STREET IMPROVEMENT PROJECT



Data contained in this map is produced in whole or part from the Thomas Bros. Map (c) digital database.  
This map is copyrighted, and reproduced with permission granted, by Thomas Bros. Maps (c). All rights reserved.

**PROGRAM FOR REPORTING AND MONITORING THE  
IMPLEMENTATION OF ENVIRONMENTAL MITIGATION MEASURES**

**ADMIRALTY WAY STREET IMPROVEMENT**

Mitigation	Monitoring Phase	Monitoring Agency
<p><b>Mitigation Measure AES-1:</b> Eighty-three drought tolerant non-native trees will be replanted in the medians on Admiralty Way of the proposed project to replace the 78 trees removed as part of this project. The tree removal and replanting work will be implemented in accordance with the guidelines and requirements of the Conservation and Management Plan for Marina del Rey, Los Angeles County California, August 19, 2010. All necessary notifications, biological surveys, and post planting monitoring reports will be performed. &lt;<a href="http://file.lacounty.gov/dbh/docs/cms1_150561.pdf">http://file.lacounty.gov/dbh/docs/cms1_150561.pdf</a>&gt;</p>	Following Construction	Los Angeles County Department of Beaches and Harbor
<p><b>Mitigation Measure BIO-1:</b> Prior to project construction a qualified biologist will perform a preconstruction bird survey for nesting migratory birds in the project area and also including the 78 trees to be removed in the project area. If these species, or any candidate, sensitive, or special status species are found within 300 feet of the project area a biologist will monitor the activity of the nesting birds. Construction noise shall not exceed 85 dB or peak preconstruction ambient noise levels at any active nesting site. If the highest value of these noise levels is exceeded the biologist will continue to monitor the behavior of the birds for adverse effects on nesting activities as long as the nest is active. If adverse effects are identified, sound mitigation measures such as sound shields, sound walls, or blankets around engines shall be used. If these sound mitigation measures do not reduce noise levels, construction within 300 feet of the nesting birds shall cease and shall not recommence until either new sound mitigation can be employed or nesting is complete. Therefore, with this mitigation measure, the proposed project impacts are expected to be considered less than significant.</p>	Preconstruction	Los Angeles County Department of Public Works
<p><b>Mitigation Measure BIO-2:</b> A qualified biologist shall be present during all activities that involve heavy construction near heron and egret rookeries. The biologist shall monitor noise and bird behavior during construction activity that involve heavy equipment. Construction noise shall not exceed 85 dB or peak preconstruction ambient noise levels at any active nesting site. If construction noise exceeds the highest value of either the peak preconstruction ambient normal noise levels recorded at the rookeries or 85 dB, the biologist will continue to monitor the behavior of the birds for adverse effects on nesting activities. If adverse</p>	Construction	Los Angeles County Department of Public Works

<p>effects are identified, sound mitigation measures such as sound shields, sound walls, or blankets around engines shall be used. If these sound mitigation measures do not reduce noise levels and/or disturbance to the nesting birds, construction within 300 feet of the nesting trees shall cease, and shall not recommence until either new sound mitigation can be employed or nesting is complete.</p>		
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# APPENDIX A

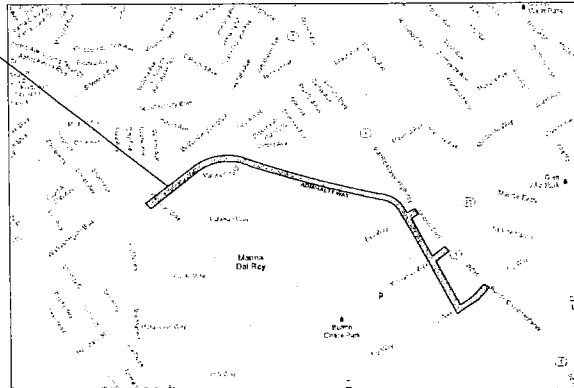
## LANDSCAPING PLANS



# COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS LANDSCAPE IMPROVEMENTS

## MARINA DEL REY LANDSCAPING

PROJECT ID NO. RDC0015137



### SHEET INDEX

SHEET	TITLE
LS-1.1	TITLE
LS-1.2	GENERAL NOTES
LS-1.3	LEGENDS
LS-3.1	CONSTRUCTION PLAN
LS-3.2	CONSTRUCTION PLAN
LS-3.3	CONSTRUCTION PLAN
LS-3.4	CONSTRUCTION PLAN
LS-3.5	CONSTRUCTION PLAN
LS-3.6	CONSTRUCTION PLAN
LS-3.7	CONSTRUCTION PLAN
LS-3.8	CONSTRUCTION PLAN
LS-3.9	CONSTRUCTION DETAILS
LS-4.1	IRRIGATION PLAN
LS-4.2	IRRIGATION PLAN
LS-4.3	IRRIGATION PLAN
LS-4.4	IRRIGATION PLAN
LS-4.5	IRRIGATION PLAN
LS-4.6	IRRIGATION PLAN
LS-4.7	IRRIGATION PLAN
LS-4.8	IRRIGATION DETAILS
LS-4.9	IRRIGATION DETAILS
LS-5.1	PLANTING PLAN
LS-5.2	PLANTING PLAN
LS-5.3	PLANTING PLAN
LS-5.4	PLANTING PLAN
LS-5.5	PLANTING PLAN
LS-5.6	PLANTING PLAN
LS-5.7	PLANTING PLAN
LS-5.8	PLANTING PLAN
LS-5.9	PLANTING DETAILS
E-1	ELECTRICAL PLAN
E-2	ELECTRICAL PLAN
E-3	ELECTRICAL PLAN
E-4	ELECTRICAL PLAN
E-5	ELECTRICAL PLAN
E-6	ELECTRICAL PLAN
E-7	ELECTRICAL PLAN
E-8	ELECTRICAL PLAN
E-9	ELECTRICAL DETAILS

### TOTAL PROJECT AREA:

ADMIRALTY WAY:	
PLANTING AREA TOTAL:	XX,XXX S.F.
HARDSCAPE AREA TOTAL:	XX,XXX S.F.
EXISTING HARDSCAPE TO REMAIN:	XX,XXX S.F.
TOTAL PROJECT AREA:	XX,XXX S.F.

NOTE: THE INFORMATION ABOVE DOES NOT SUPERSEDE OR TAKE PRECEDENCE OVER ANY OF THE CONTRACT DOCUMENTS. THE INFORMATION ABOVE IS FOR PURPOSES INTERNAL TO THE AGENCY AND NOT FOR CONTRACT ADMINISTRATION.

PRIME CONTRACTOR LICENSE REQUIRED: CALIFORNIA CLASS A OR C27

DATE	REV	DESCRIPTION



COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

PRELIMINARY UTILITY NOTICE  
MARINA DEL REY LANDSCAPING

TITLE  
LS-1.1

DATE: 4/9/2012 PCA: 2740000436 RDC0015137 SHEET 1 OF 1

# ELECTRIC INSTALLATION NOTES

CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING:

1. NEW ELECTRICAL SERVICES WILL BE APPLIED AND PAID FOR BY THE AGENCY PRIOR TO THE STARTING OF THE PROJECT. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL INSTALLATION & CONNECTION WORK WITH SOUTHERN CALIF. EDISON CO. (S.C.E.). VERIFY LOCATIONS OF THE NEW ELECTRICAL METERS IN FIELD. OBTAIN CONSTRUCTION MAP AND ELECTRICAL INSTALLATION REQUIREMENTS FROM S.C.E. PRIOR TO STARTING OF ANY ELECTRICAL WORK.
2. SOUTHERN CALIFORNIA EDISON CO. SERVICE PLANNER (909) 333-3333 ATTN: 7777
3. PROVIDE AND INSTALL OUTDOOR COMBINATION ELECTRICAL METER/IRRIGATION CONTROLLER PEDISTAL ENCLOSURE (TOTAL OF 2) WHERE SHOWN ON PLANS AND PER S.C.E. REQUIREMENTS. VERIFY PROPOSED LOCATION WITH S.C.E. PRIOR TO INSTALLATION.
4. NOTIFY S.C.E. FOR INSPECTION AND APPROVAL 48 HR. IN ADVANCE.
5. TRENCH, PROVIDE AND INSTALL UNDERGROUND ELECTRICAL CONDUIT, PER S.C.E. CODE FROM ELECTRICAL P.O.C. TO THE OUTDOOR COMBINATION ELECTRICAL METER/IRRIGATION CONTROLLER PEDISTAL ENCLOSURE(S). CONTRACTOR TO PROVIDE AND INSTALL PULL ROPE FROM ELECTRICAL P.O.C. TO ELECTRICAL METER.
6. MAKE ALL NECESSARY CONNECTIONS TO PROVIDE AN OPERATIONAL ELECTRICAL SYSTEM/AUTOMATIC IRRIGATION SYSTEM.
7. ALL ELECTRICAL WORK, INCLUDING GROUNDING SYSTEM, SHALL BE DONE IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ANY REQUIREMENTS SET FORTH BY S.C.E.
8. CONTRACTOR SHALL REQUEST THE ENGINEER TO FORWARD THE "CLEARANCE TO ENERGIZE" TO S.C.E. UPON THE FINAL INSPECTION OF THE ELECTRICAL SERVICE.
9. ELECTRICAL SYSTEM/AUTOMATIC IRRIGATION SYSTEM TO BE FULLY OPERATIONAL BY THE BEGINNING OF THE PLANT ESTABLISHED PERIOD.

SOUTHERN CALIFORNIA EDISON WILL PROVIDE AND INSTALL:

1. P.O.C. AT EXISTING POWER POLES (AS INDICATED ON PLANS).
2. INSTALL ELECTRICAL METER IN ELECTRICAL METER BOX.
3. INSTALL AND CONNECT ELECTRICAL SERVICE (TO BOX).

# GENERAL CONSTRUCTION/REMOVAL NOTES:


1. PLANS ARE DIAGRAMMATIC. THE CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ENGINEER ANY PERCEIVED DISCREPANCY BEFORE THE START OF CONSTRUCTION.
2. THE CONTRACTOR SHALL LAY OUT ALL FORMWORK AND OBTAIN APPROVAL FROM THE ENGINEER PRIOR TO CASTING THE CONCRETE.
3. CONTRACTOR SHALL SUBMIT SAMPLES FOR COLORED CONCRETE AND PAVERS PER 2.3.3 OF THE SPECIAL PROVISIONS. CONTRACTOR TO PROVIDE 272 SAMPLES IN FIELD FOR ENGINEER'S REVIEW AND APPROVAL PRIOR TO COMMENCING WORK. (SAMPLES TO INCLUDE COLOR AND FINISH).
4. SEE SHEET LS-8 FOR CONSTRUCTION DETAILS.
5. ALL EXISTING ELEMENTS NOT DESIGNATED TO BE REMOVED SHALL BE PROTECTED IN PLACE.
6. CONTRACTOR SHALL INSTALL JUTE MATTING ON SLOPE STEEPER THAN 3:1. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
7. ALL EXISTING INFILL PAVEMENT WITHIN THE SERVICE ISLAND SHALL BE REMOVED AND DISPOSED OFF SITE.  
a. FOR PROPOSED CONCRETE AND PAVEMENT AREAS, CONTRACTOR SHALL REMOVE AND DISPOSE ALL EXISTING PAVEMENT MATERIAL, BASE AND EXISTING SOIL TO ALL NEW PAVEMENT.  
b. FOR PROPOSED PLANTING AREAS, CONTRACTOR SHALL REMOVE AND DISPOSE ALL EXISTING PAVEMENT MATERIAL, INCLUDING CONCRETE & C.C. BASE MATERIAL AND ADDITIONAL 12" NATIVE SOIL UNDER THE EXISTING MATERIALS WITHIN THE SERVICE ISLAND. MAXIMUM DEPTH TO BE REMOVED SHALL BE 30". SAWCUT PAVEMENT AS NECESSARY TO PROTECT EXISTING CONCRETE CURBS TO REMAIN.
8. CONTRACTOR SHALL SAWCUT EDGES OF PAVEMENT WHERE NECESSARY WHEN REMOVING EXISTING PAVEMENT.
9. REPAIR ALL EXISTING MATERIALS DAMAGED OR EXPOSED BY REMOVAL WORK OR BY ANY OTHER CONSTRUCTION WORK. MATCH EXISTING ADJACENT WORK IN CONSTRUCTION, MATERIALS, TEXTURE AND COLOR.

# GENERAL PLANTING NOTES

1. PLANT QUANTITIES IN LEGEND IS FOR CONTRACTOR'S CONVENIENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL PLANTS SHOWN ON PLANTING PLANS.
2. ALL TREES ARE TO BE PLANTED MIN. 20' FROM EXISTING POWER POLES (WHERE APPLICABLE).
3. CONTRACTOR SHALL PROVIDE 3" DEEP LAYERS OF MEDIUM TO FINE TEXTURED (3M" TO 2") GROUND WOOD BY PRODUCT OR SHREDDED BARK MULCH TO ALL PLANTED AREAS. COLOR OF MULCH SHALL BE DARK.
4. CONTRACTOR SHALL INSTALL AN EDGING MATERIAL SEPARATING PLANTING AND PAVING AREAS.
5. PLANS ARE DIAGRAMMATIC. THE CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ENGINEER ANY PERCEIVED DISCREPANCY BEFORE THE START OF CONSTRUCTION.
6. CONTRACTOR SHALL PROVIDE AND INSTALL IMPORTED TOPSOIL TO FILL IN AREAS WHERE PLANTING HAS BEEN PROPOSED. IMPORTED TOPSOIL SHALL CONFORM TO SECTION 1. LANDSCAPE OF SPECIAL PROVISIONS. AN AGRONOMICAL SOILS REPORT SHALL BE SUBMITTED PER 1.02.2 OF THE SAME SECTION, REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO THE DELIVERY OF THE SOIL ON SITE.
7. ANY SOIL PREPARATION AND PLANTING WITHIN THE DRP LINE OF THE EXISTING TREES SHALL BE DONE BY HAND.

# IRRIGATION INSTALLATION NOTES

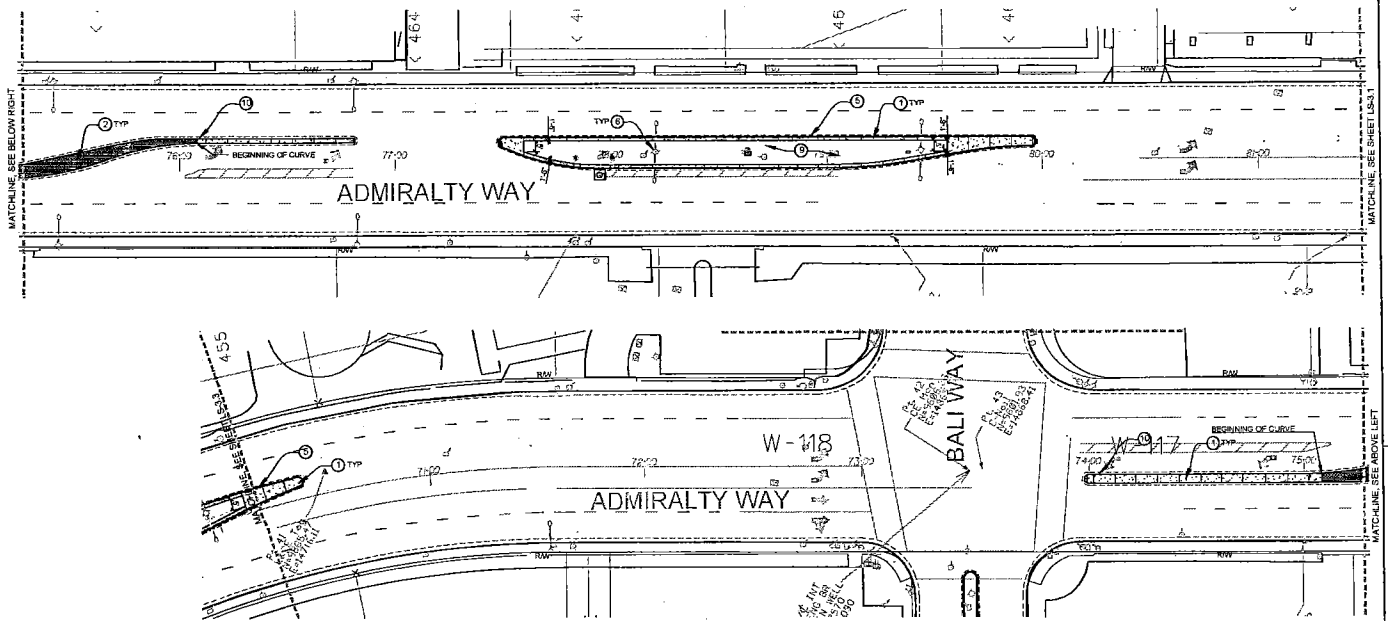
1. TRENCHING OPTION: CONTRACTOR HAS AS AN OPTION TO INSTALL IRRIGATION LINES UTILIZING A TRENCHLESS TECHNIQUE (DIRECTIONAL BORING) WHERE POSSIBLE.
2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO START OF CONSTRUCTION.
3. CONTRACTOR TO VERIFY LOCATIONS OF ALL EXISTING TREES AND OTHER PLANTS IN THE AREAS OF WORK PRIOR TO START OF CONSTRUCTION.
4. INSTALL PVC SCHEDULE 40 CONDUIT UNDER EXISTING PAVING WHEREVER NECESSARY TO "BURY" CONTROL WIRES. INSTALL CONTROL WIRES A MINIMUM 24" BELOW FINISH GRADE AND 36" UNDER VEHICULAR ROADWAYS.
5. ALL VERTICAL CHANGES IN MAINLINE PIPE DIRECTION SHALL BE DONE WITH THE USE OF 45 DEGREE ELBOWS.
6. LATERAL SUPPLY LINES FROM THE VALVE TO THE FIRST HEAD SHALL BE ONE SIZE LARGER THAN THE VALVE, UNLESS OTHERWISE NOTED.
7. SEE PLANS FOR AVAILABLE WATER PRESSURE AT THE P.O.C. AND WATER PURVEYORS INFORMATION. NOTIFY THE ENGINEER IF THERE IS A DISCREPANCY WITH CONTRACTOR'S FINDINGS AND WHAT IS INDICATED ON THE PLANS.
8. REPAIR ALL EXISTING MATERIALS DAMAGED OR EXPOSED BY NEW IRRIGATION INSTALLATION WORK OR BY ANY OTHER CONSTRUCTION WORK. MATCH EXISTING ADJACENT WORK IN TEXTURE AND COLOR.
9. ALL QUICK COUPLING VALVES SHALL BE INSTALLED IN LOCK UP VALVE BOXES. IDENTIFY ALL VALVE BOXES WITH "LOCK" USING YELLOW EPOXY PAINT IN 2 INCH HIGH LETTERS.
10. IRRIGATION HEADS SHALL BE PROPERLY POSITIONED TO ALLOW STANDARD OPERATION, RETRACTION, AND SHALL BE ADJUSTED SO THERE IS NO OVERSPRAYING ONTO ADJACENT SIDEWALKS, PAVEMENT(S) AND ROADWAYS.
11. CONTRACTOR SHALL MAKE ALL NECESSARY ADJUSTMENTS TO ENSURE THAT ALL COMPONENTS OF THE IRRIGATION SYSTEM PERFORM PROPERLY DURING CONSTRUCTION AND MAINTENANCE PERIODS.
12. CONTRACTOR SHALL PROVIDE AND INSTALL FLOW METERS AND MASTER CONTROL VALVE(S) FOR ALL PROPOSED AUTOMATIC IRRIGATION CONTROL SYSTEM(S) AS SHOWN ON PLANS. INSTALLATION SHALL BE PER DETAILS AND MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL BE RESPONSIBLE TO PROGRAM THE AUTOMATIC IRRIGATION CONTROLLER(S) SO THE SYSTEM SHALL BE FULLY OPERATIONAL TO DETECT MAIN AND LATERAL LINE BREAKAGE.
13. ADJUST LOCATION OF IRRIGATION HEADS AS NECESSARY TO MINIMIZE SPRAY INTERFERENCE AGAINST OBSTRUCTIONS (UTILITY VALVES OR PEDISTALS, LIGHT POLES, VENT PIPES, TREES, ETC.).
14. ADJUST ALL ADJUSTABLE ARC NOZZLES AS NECESSARY TO AVOID UNDER-SPRAY OF PLANTING AREAS AND OVER-SPRAY OF WALLS AND SIDEWALKS.
15. FOLLOWING IRRIGATION HEAD INSTALLATION, ADJUST RADIIUS THROW TO CONFORM TO SITE CONDITIONS.
16. INSTALL NEW ELECTRIC IRRIGATION CONTROLLERS IN OUTDOOR COMBINATION ELECTRICAL METER/IRRIGATION CONTROLLER ENCLOSURE WHERE SHOWN ON PLANS. MAKE ELECTRICAL CONNECTIONS AS NECESSARY TO PROVIDE AN OPERATIONAL ELECTRICAL AUTOMATIC IRRIGATION SYSTEMS. (SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.)
17. CONTRACTOR SHALL VERIFY THE FIELD CONDITIONS AND INSTALL ADDITIONAL IN-LINE CHECK VALVES WHEREVER NECESSARY TO PREVENT LOW-HEAD DRAINAGE.
18. ALL PROPOSED TREES ARE TO BE WATERED BY A SEPARATE BUBBLER SYSTEM. SEE IRRIGATION DETAIL FOR BUBBLER INSTALLATION.
19. INSTALL X-YOVER BELLIES (CLASS 315 PVC UNLESS NOTED OTHERWISE) WHERE SHOWN ON THE PLANS, AT INTERSECTIONS, AND WHEREVER PIPE CROSSES UNDER PAVEMENTS. ALL BELLIES SHALL EXTEND 6" INTO PLANTING AREAS AT BOTH ENDS. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE BELLIES PRIOR TO PAINTING/PAINTING BEING INSTALLED. NOT ALL BELLIES MAY BE INDICATED ON PLANS.
20. "BURY" UNDER EXISTING PAVING WHEREVER POSSIBLE. SAWCUT EXISTING PAVING WHERE NECESSARY AS APPROVED TO INSTALL PIPING/REPAIR. FOR TRENCH REPAIR INFORMATION, REFER TO SHEET LS-4.5.
21. CONTRACTOR SHALL ADJUST EXACT LOCATIONS OF IRRIGATION PIPES TO AVOID CATCH BASINS, UNDERGROUND VAULTS, AND OTHER SITE AMENITIES.
22. VERIFY THE EXISTING GROUNDING SYSTEM. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
23. ALL HEADS WITH CHECK VALVES AND PRESSURE REGULATION DEVICES IN POP-UP STEM SHALL BE CONNECTED THROUGH BOTTOM INLET AND NOT SIDE BOLT.

DATE		BY	REVISION		COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS	
DATE		BY	REVISION		PRELIMINARY UTILITY NOTICE	
					MARINA DEL REY LANDSCAPING	
					GENERAL NOTES	
					LS-12	



## LS-1.3





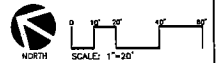
#### CONSTRUCTION LEGEND

- ① POC PAVING AND ADJOINING MAINT. STRIP. SEE MATERIALS LEGEND FOR COLOR & FINISH. REFER TO DETAILS B & C SHEET LS-3.9
- ② UNIT PAVES (FIELD). SEE MATERIALS LEGEND FOR COLOR & PATTERN. REFER TO DETAIL D SHEET LS-3.9
- ③ UNIT PAVES (ACCENT). SEE MATERIALS LEGEND FOR COLOR & PATTERN. REFER TO DETAIL A SHEET LS-3.9
- ④ PAVERS SET IN MORTAR. REFER TO PLAN (RD)
- ⑤ NEW CURB AND GUTTER. REFER TO PLAN (RD)
- ⑥ LIGHT STANDARD. REFER TO PLAN (TAU)
- ⑦ ENHANCED CROSSWALK STRIPING. REFER TO PLAN (T&L)
- ⑧ TACTILE WARNING TILES. REFER TO PLAN (RD)
- ⑨ PLANTING AREA. REMOVE EXISTING VEGETATION, STUMPS, ROOTS, STONES LARGER THAN 1" AND ALL OTHER DELETERIOUS MATERIAL.
- ⑩ EXISTING CURBS TO REMAIN

#### KEYMAP



- NOTES:
1. SEE SHEET LS-1.3 FOR ABBREVIATION AND ACRONYM LEGEND, SYMBOLS LEGEND, AND UNDERGROUND UTILITY SYMBOLS.
  2. SEE SHEET LS-3.9 FOR CONSTRUCTION DETAILS.

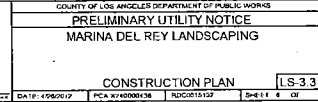


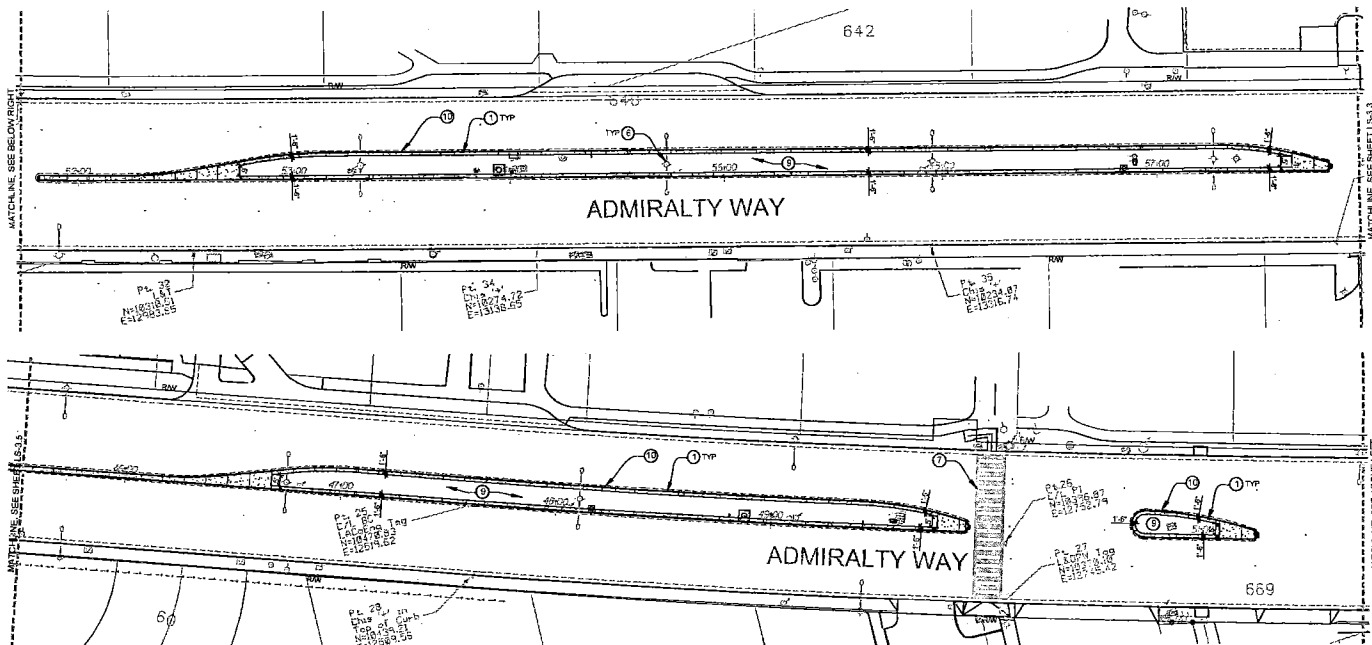
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

PRELIMINARY UTILITY NOTICE  
MARINA DEL REY LANDSCAPING

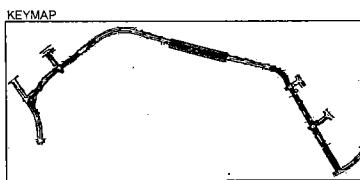
CONSTRUCTION PLAN LS-32

DATE: 4/26/2017 PCA: RCH0000430 RDC0010137 SHEET 6 OF 6





- CONSTRUCTION LEGEND:**
- ① PCC PAVING AND ADJOINING MANT. STRIP. SEE MATERIALS LEGEND FOR COLOR & FINISH. REFER TO DETAILS B & C SHEET LS-3.9
  - ② UNIT PAVEMENT (FIELD). SEE MATERIALS LEGEND FOR COLOR & PATTERN. REFER TO DETAIL D SHEET LS-3.8
  - ③ UNIT PAVEMENT (ACCENT). SEE MATERIALS LEGEND FOR COLOR & PATTERN. REFER TO DETAIL A SHEET LS-3.9
  - ④ PAVERS SET IN MORTAR. REFER TO PLAN (RD)
  - ⑤ NEW CURB AND GUTTER. REFER TO PLAN (RD)
  - ⑥ LIGHT STANDARD. REFER TO PLAN (T&L)
  - ⑦ ENHANCED CROSS WALK STRIPING. REFER TO PLAN (T&L)
  - ⑧ TACTILE WARNING TILES. REFER TO PLAN (RD)
  - ⑨ PLANTING AREA. REMOVE EXISTING VEGETATION, STUMPS, ROOTS, STONES (LARGER THAN 1") AND ALL OTHER DELETERIOUS MATERIAL
  - ⑩ EXISTING CURBS TO REMAIN



- NOTES:**
- SEE SHEET LS-3.3 FOR ABBREVIATION AND ACRONYM LEGEND, SYMBOLS LEGEND, AND UNDERGROUND UTILITY SYMBOLS.
  - SEE SHEET LS-3.9 FOR CONSTRUCTION DETAILS.



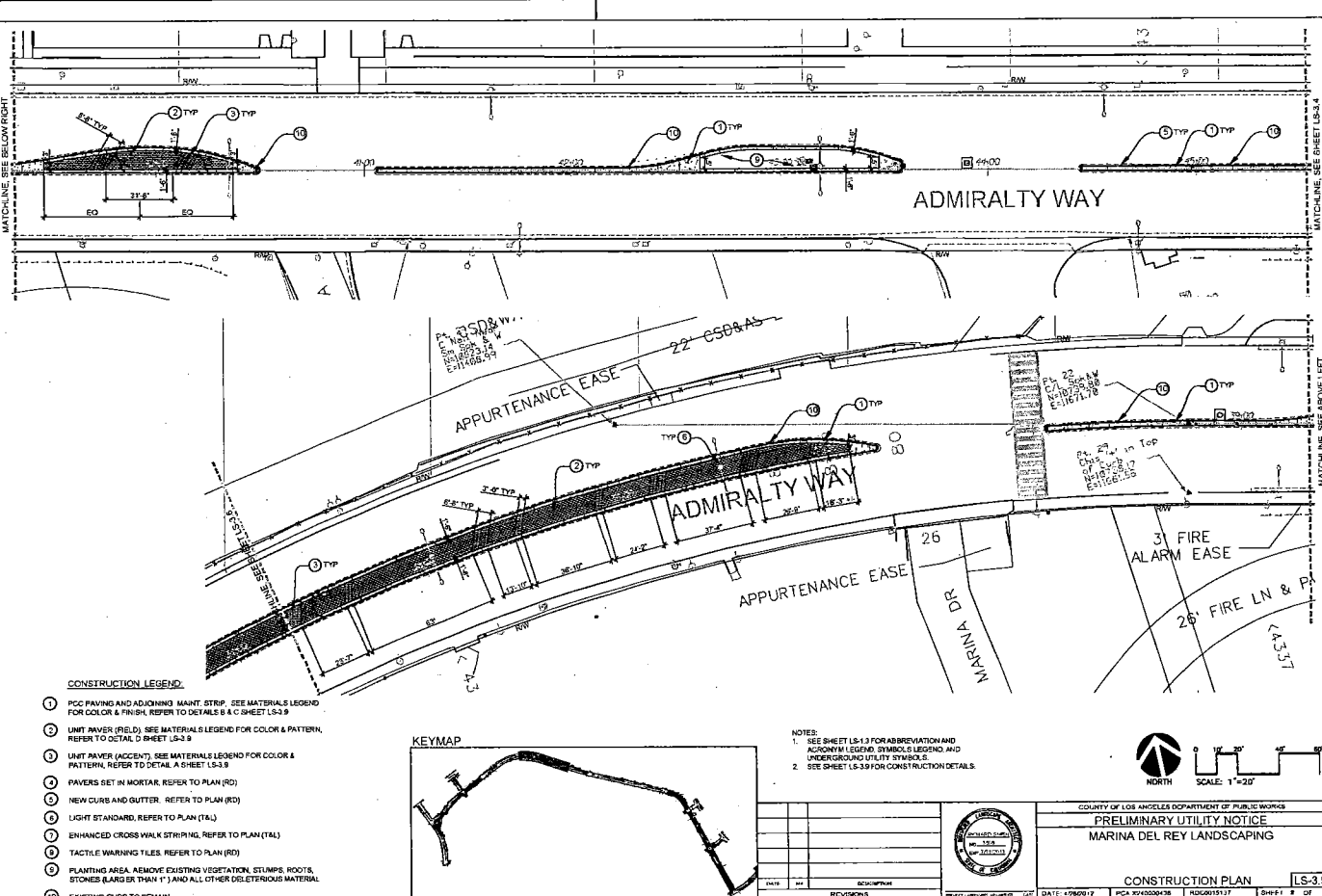
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DATE: 4/26/2012 PROJECT: 100000438 DRAWING: 10132		<b>CONSTRUCTION PLAN</b> LS-3.4 SHEET 1 OF 1	

MATCHLINE SEE SHEET LS-3.4

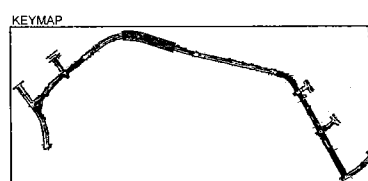
MATCHLINE SEE SHEET LS-3.4

MATCHLINE SEE SHEET LS-3.4

MATCHLINE SEE SHEET LS-3.4

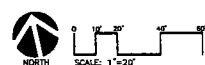


- CONSTRUCTION LEGEND**
- ① PCC PAVING AND ADJOINING MAINT. STRIP. SEE MATERIALS LEGEND FOR COLOR & FINISH. REFER TO DETAILS B & C SHEET LS-3.9
  - ② UNIT PAVES (FIELD). SEE MATERIALS LEGEND FOR COLOR & PATTERN. REFER TO DETAIL D SHEET LS-3.9
  - ③ UNIT PAVES (ACCENT). SEE MATERIALS LEGEND FOR COLOR & PATTERN. REFER TO DETAIL A SHEET LS-3.9
  - ④ PAVERS SET IN MORTAR. REFER TO PLAN (RD)
  - ⑤ NEW CURB AND GUTTER. REFER TO PLAN (RD)
  - ⑥ LIGHT STANDARD. REFER TO PLAN (TL)
  - ⑦ ENHANCED CROSS WALK STRIPING. REFER TO PLAN (TL)
  - ⑧ TACTILE WARNING TILES. REFER TO PLAN (RD)
  - ⑨ PLANTING AREA. REMOVE EXISTING VEGETATION, STUMPS, ROOTS, STONES (LARGER THAN 1") AND ALL OTHER DELETERIOUS MATERIAL
  - ⑩ EXISTING CURBS TO REMAIN




**NOTES:**

1. SEE SHEET LS-1.3 FOR ABBREVIATION AND ACRONYM GROUND SYMBOLS LEGEND AND UNDERGROUND UTILITY SYMBOLS.
2. SEE SHEET LS-3.9 FOR CONSTRUCTION DETAILS.



DATE		REV	DESCRIPTION

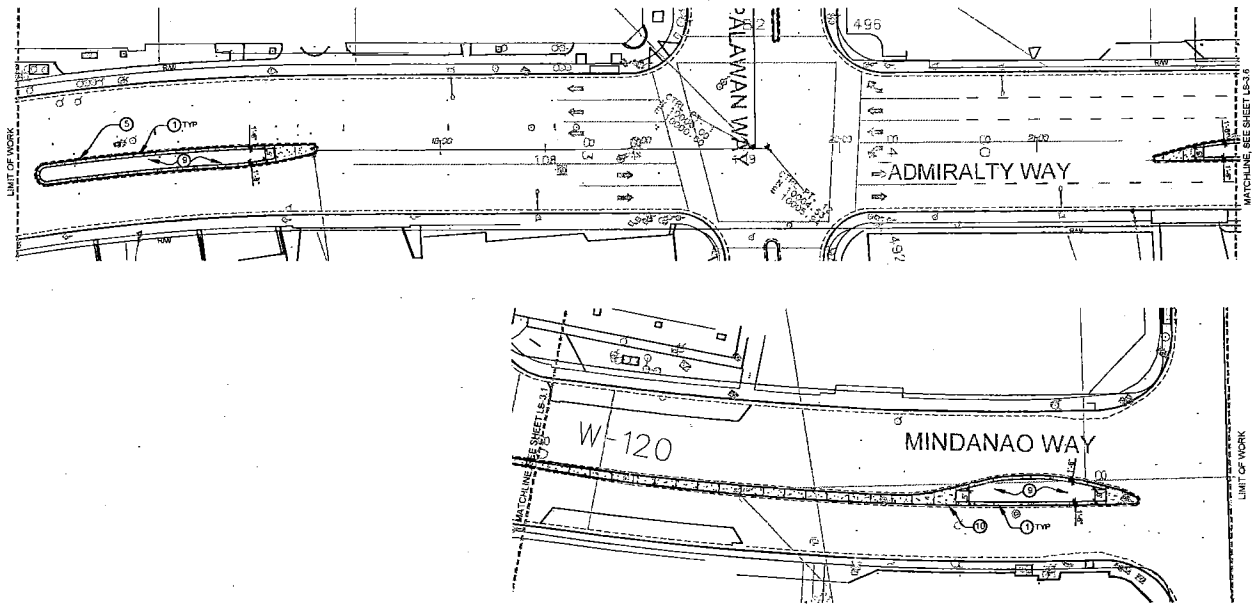


COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS  
**PRELIMINARY UTILITY NOTICE**  
MARINA DEL REY LANDSCAPING

**CONSTRUCTION PLAN**      **LS-3.5**

DATE: 4/28/09      PCA #243300478      RDG001517      SHEET 1 OF 1

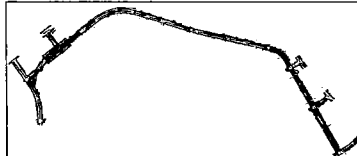




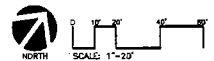
#### CONSTRUCTION LEGEND

- ① PCC PAVING AND ADJOINING MAINT. STRIP. SEE MATERIALS LEGEND FOR COLOR & FINISH. REFER TO DETAILS B & C SHEET LS-3.9
- ② UNF PAVEMENT (FIELD). SEE MATERIALS LEGEND FOR COLOR & PATTERN. REFER TO DETAIL D SHEET LS-3.9
- ③ UNIT PAVEMENT (ACCENT). SEE MATERIALS LEGEND FOR COLOR & PATTERN. REFER TO DETAIL A SHEET LS-3.9
- ④ PAVERS SET IN MORTAR. REFER TO PLAN (R0)
- ⑤ NEW CURB AND GUTTER. REFER TO PLAN (R0)
- ⑥ LIGHT STANDARD. REFER TO PLAN (T&L)
- ⑦ ENHANCED CROSS WALK STRIPING. REFER TO PLAN (T&L)
- ⑧ TACTILE WARNING TILES. REFER TO PLAN (R0)
- ⑨ PLANTING AREA. REMOVE EXISTING VEGETATION, STUMPS, ROOTS, STONES LARGER THAN 1" AND ALL OTHER OBSTACLES MATERIAL.
- ⑩ EXISTING CURB TO REMAIN

#### KEYMAP



- NOTES:
1. SEE SHEET LS-1.3 FOR ABBREVIATION AND ACRONYM LEGEND, SYMBOLS LEGEND AND UNDERGROUND UTILITY SYMBOLS.
  2. SEE SHEET LS-3.9 FOR CONSTRUCTION DETAILS.

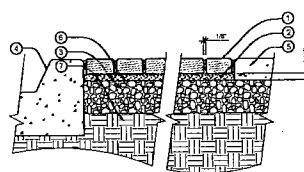


COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS  
PRELIMINARY UTILITY NOTICE  
MARINA DEL REY LANDSCAPING

CONSTRUCTION PLAN LS-3.7

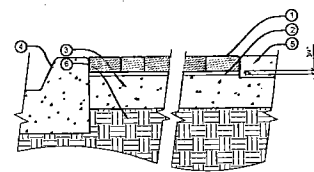
DATE: 4/26/2017 PCA: R40800436 RDC: 013137 SHEET 1 OF 1





LEGEND:

- ① CONCRETE LANE PAVERS - SEE PAVING SCHEDULE
- ② SAND SETTING BED
- ③ CONCRETE SLURRY MIX - SEE ROAD PLANS
- ④ PCC CURB
- ⑤ PCC PAVING OR MAINTENANCE STRIP
- ⑥ GEOTEXTILE, MIN. 2' MIN. ON ENDS
- ⑦ COMPACTED SUBGRADE TO 90%



LEGEND:

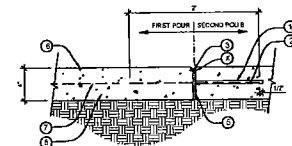
- ① CONCRETE LANE PAVERS - SEE PAVING SCHEDULE
- ② TYPE S MORTAR BED
- ③ 6" THICK CONCRETE BASE
- ④ PCC CURB
- ⑤ PCC PAVING OR MAINTENANCE STRIP
- ⑥ COMPACTED SUBGRADE TO 90%

④ PAVERS SET IN SAND

SCALE: 1-1/2"=1'-0"

⑤ PAVERS SET IN MORTAR

SCALE: 1-1/2"=1'-0"



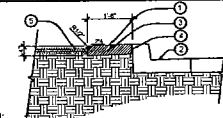
LEGEND:

- ① PLASTIC DOWEL SLEEVE
- ② 1/2" DIA. SMOOTH DOWEL @ 1' O.C.
- ③ JOINT SEALANT
- ④ FOAM BACKER
- ⑤ PRE-FORMED EXPANSION JOINT
- ⑥ 1/2" RADIUS WEAKENED PLANE JOINT
- ⑦ 1/4" RESIN @ 1' O.C. BOTH WAYS
- ⑧ PCC PAVING (225-A-2000)

NOTE: A. ALIGN DOWEL WITH REINFORCEMENT BAR WHERE POSSIBLE. B. WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED AT 8' MAX. SPACING. C. PROVIDE EXPANSION JOINTS AT 1' O.C. AND 1' O.C. IN CURB, GUTTER, SIDEWALK, AND AROUND UTILITY POLES AND CONCRETE FOUNDATIONS LOCATED IN SIDEWALK AREAS.

⑥ PCC PAVING

SCALE 1/2"=1'-0"



LEGEND:

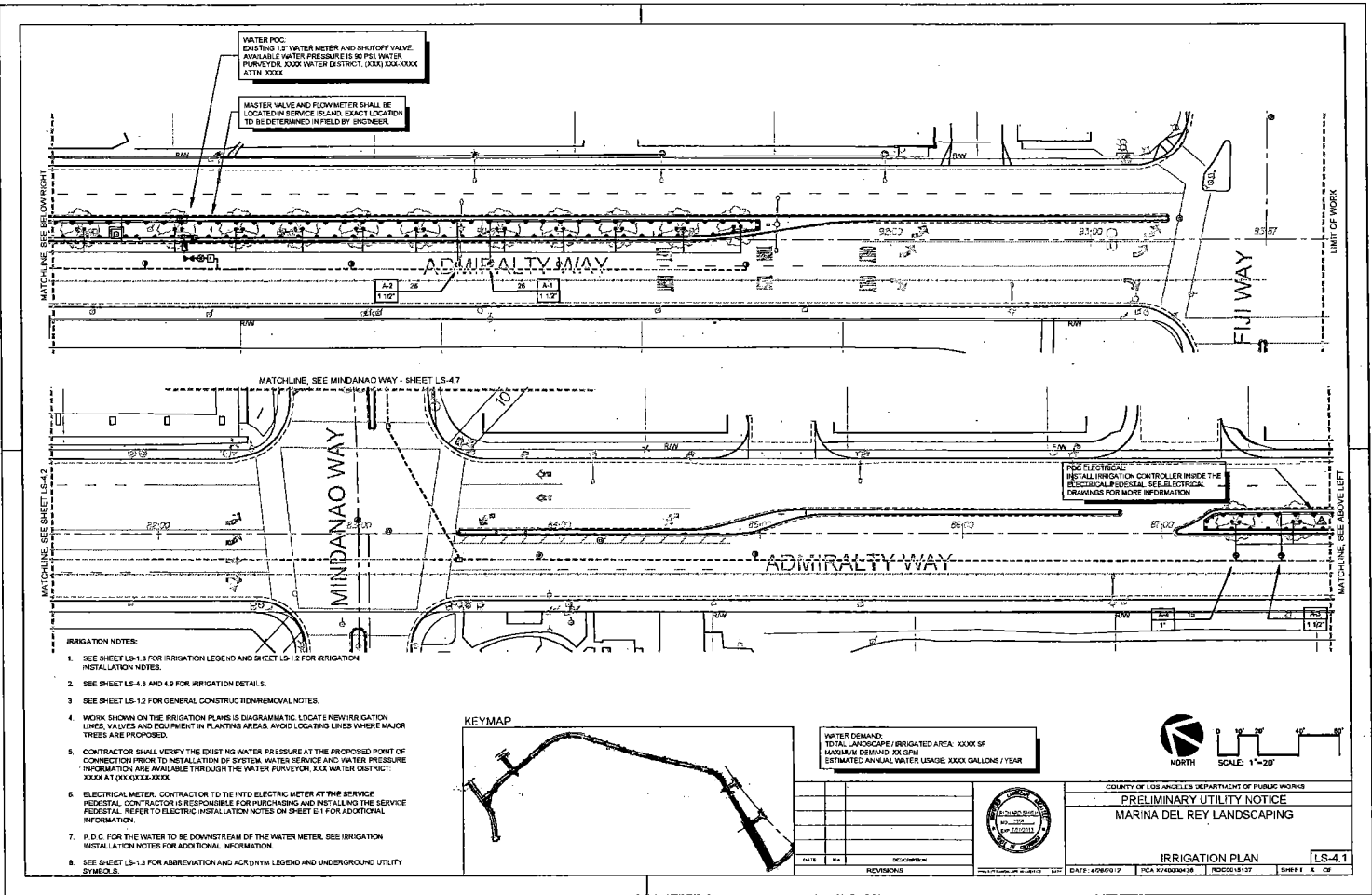
- ① PCC PAVING (225-A-2000), COLOR & FINISH PER MATERIALS LISTING
- ② EXISTING CURB & GUTTER
- ③ 1/4" RESIN (225-A-2000)
- ④ EXPANSION JOINT
- ⑤ PLANTING AREA OR PAVERS, PER PLAN

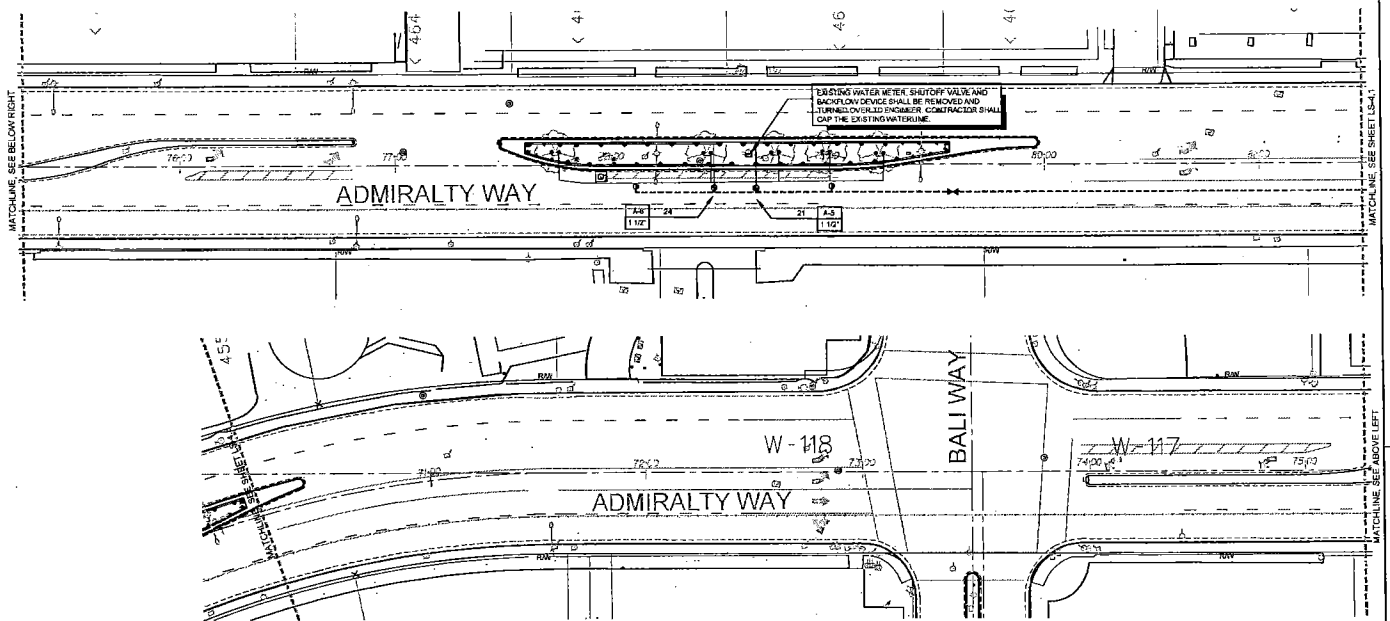
NOTE: PROVIDE EXPANSION JOINT AT 1' MAX. AND WEAKENED PLANE JOINT AT 4' O.C.

⑦ PCC MAINTENANCE STRIP

SCALE: 3/4"=1'-0"

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS PRELIMINARY UTILITY NOTICE MARINA DEL REY LANDSCAPING	
CONSTRUCTION DETAILS LS-3.9	DATE: 4/16/2017 PCK: 17400000436 R300918137 SHEET 11 OF 12





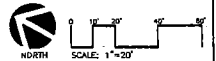
#### IRRIGATION NOTES:

- SEE SHEET LS-1.3 FOR IRRIGATION LEGEND AND SHEET LS-1.2 FOR IRRIGATION INSTALLATION NOTES.
- SEE SHEET LS-4.8 AND 4.9 FOR IRRIGATION DETAILS.
- SEE SHEET LS-1.2 FOR GENERAL CONSTRUCTION/REMOVAL NOTES.
- WORK SHOWN ON THE IRRIGATION PLANS IS DIAGRAMMATIC. LOCATE NEW IRRIGATION LINES, VALVES AND EQUIPMENT IN PLANTING AREAS. AVOID LOCATING LINES WHERE MAJOR TREES ARE PROPOSED.
- CONTRACTOR SHALL VERIFY THE EXISTING WATER PRESSURE AT THE PROPOSED POINT OF CONNECTION PRIOR TO INSTALLATION OF SYSTEM WATER SERVICE AND WATER PRESSURE INFORMATION ARE AVAILABLE THROUGH THE WATER PURVEYOR, XXX WATER DISTRICT, XXX AT (XXX)XXX-XXXX.
- ELECTRICAL METERS, CONTRACTOR TO BE INVO ELECTRIC METERS AT THE SERVICE PEDISTAL. CONTRACTOR IS RESPONSIBLE FOR PURCHASING AND INSTALLING THE SERVICE PEDISTAL. REFER TO ELECTRICAL INSTALLATION NOTES ON SHEET E-1 FOR ADDITIONAL INFORMATION.
- P.O.C. FOR THE WATER TO BE DOWNSTREAM OF THE WATER METER. SEE IRRIGATION INSTALLATION NOTES FOR ADDITIONAL INFORMATION.
- SEE SHEET LS-1.3 FOR ABBREVIATION AND ACRONYM LEGEND AND UNDERGROUND UTILITY SYMBOLS.

#### KEYMAP



WATER DEMAND:  
TOTAL LANDSCAPE IRRIGATED AREA: 10000 SF  
MINIMUM DEMAND: 20 GPM  
ESTIMATED ANNUAL WATER USAGE: 10000 GALLONS / YEAR

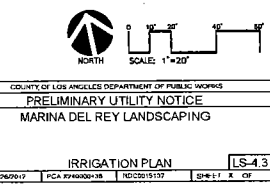


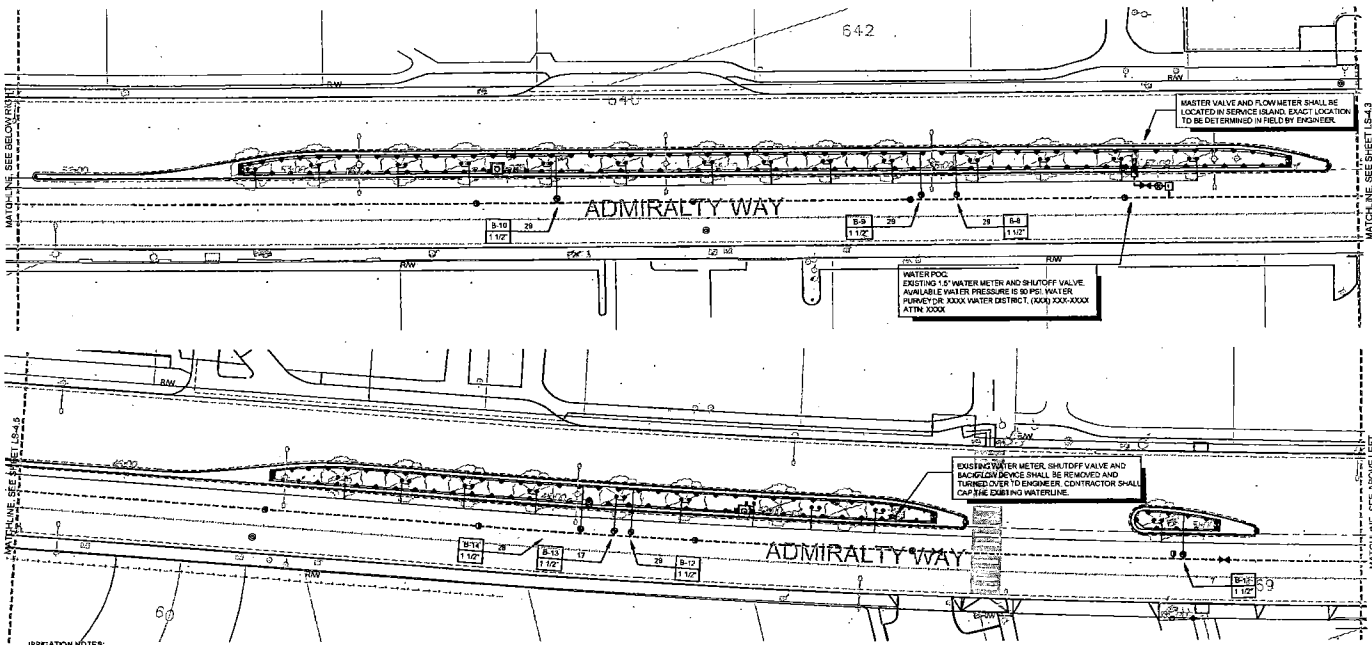
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS  
PRELIMINARY UTILITY NOTICE  
MARINA DEL REY LANDSCAPING

IRRIGATION PLAN

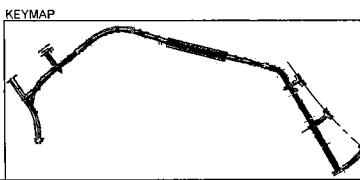
LS-4.2

DATE: 4/10/2022 PROJECT: PCA 17200000-08 ADD: 001/01/27 SHEET: 01

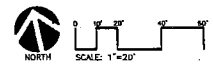




- IRRIGATION NOTES:
1. SEE SHEET LS-1.3 FOR IRRIGATION LEGEND AND SHEET LS-1.2 FOR IRRIGATION INSTALLATION NOTES.
  2. SEE SHEET LS-4.8 AND 4.9 FOR IRRIGATION DETAILS.
  3. SEE SHEET LS-1.2 FOR GENERAL CONSTRUCTION/REMOVAL NOTES.
  4. WORK SHOWN ON THE IRRIGATION PLANS IS DIAGRAMMATIC. LOCATE NEW IRRIGATION LINES, VALVES AND EQUIPMENT IN PLANTING AREAS. AVOID LOCATING LINES WHERE MAJOR TREES ARE PROPOSED.
  5. CONTRACTOR SHALL VERIFY THE EXISTING WATER PRESSURE AT THE PROPOSED POINT OF CONNECTION PRIOR TO INSTALLATION OF SYSTEM. WATER SERVICE AND WATER PRESSURE INFORMATION ARE AVAILABLE THROUGH THE WATER PURVEYOR. XXXX WATER DISTRICT, XXXX AT (XXX)XXX-XXXX.
  6. ELECTRICAL METER: CONTRACTOR TO TIE INTO EXISTING METER AT THE SERVICE PEDISTAL. CONTRACTOR IS RESPONSIBLE FOR PURCHASING AND INSTALLING THE SERVICE PEDISTAL. REFER TO ELECTRICAL INSTALLATION NOTES ON SHEET E-1 FOR ADDITIONAL INFORMATION.
  7. P.O.C. FOR THE WATER TO BE DOWNSTREAM OF THE WATER METER. SEE IRRIGATION INSTALLATION NOTES FOR ADDITIONAL INFORMATION.
  8. SEE SHEET LS-1.3 FOR ABBREVIATION AND ACRONYM LEGEND AND UNDERGROUND UTILITY SYMBOLS.

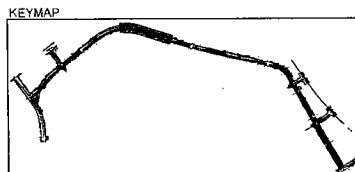
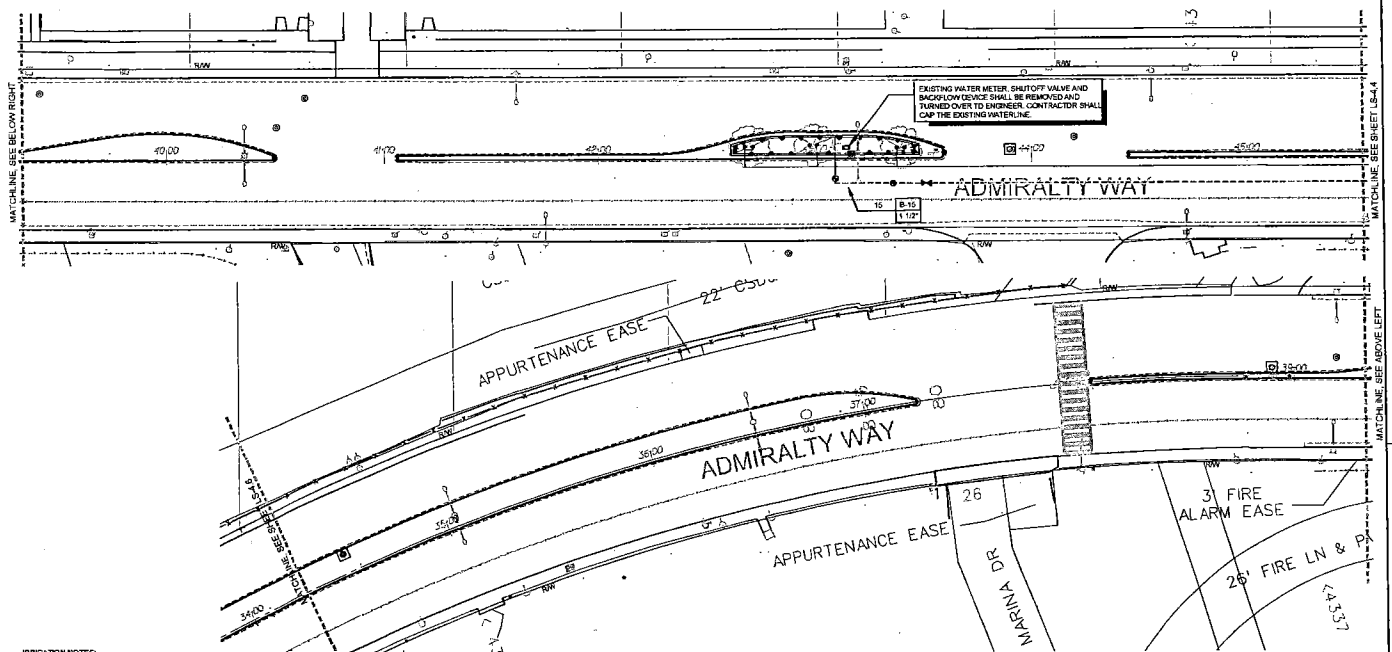


WATER DEMAND:  
TOTAL LANDSCAPE / IRRIGATED AREA: XXXX SF  
MAXIMUM DEMAND: XX GPM  
ESTIMATED ANNUAL WATER USAGE: XXXX GALLONS / YEAR



COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS  
PRELIMINARY UTILITY NOTICE  
MARINA DEL REY LANDSCAPING

IRRIGATION PLAN  
DATE: 4/26/2017  
PROJECT: MARINA DEL REY LANDSCAPING  
SHEET: 4 OF 4



**WATER DEMAND:**


TOTAL LANDSCAPE / IRRIGATED AREA: XXXX SF

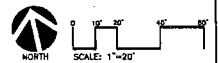
MAXIMUM DEM AND XX GPM

ESTIMATED ANNUAL WATER USAGE: XXXX GALLONS / YEAR

DATE	SIN	DRAINAGE

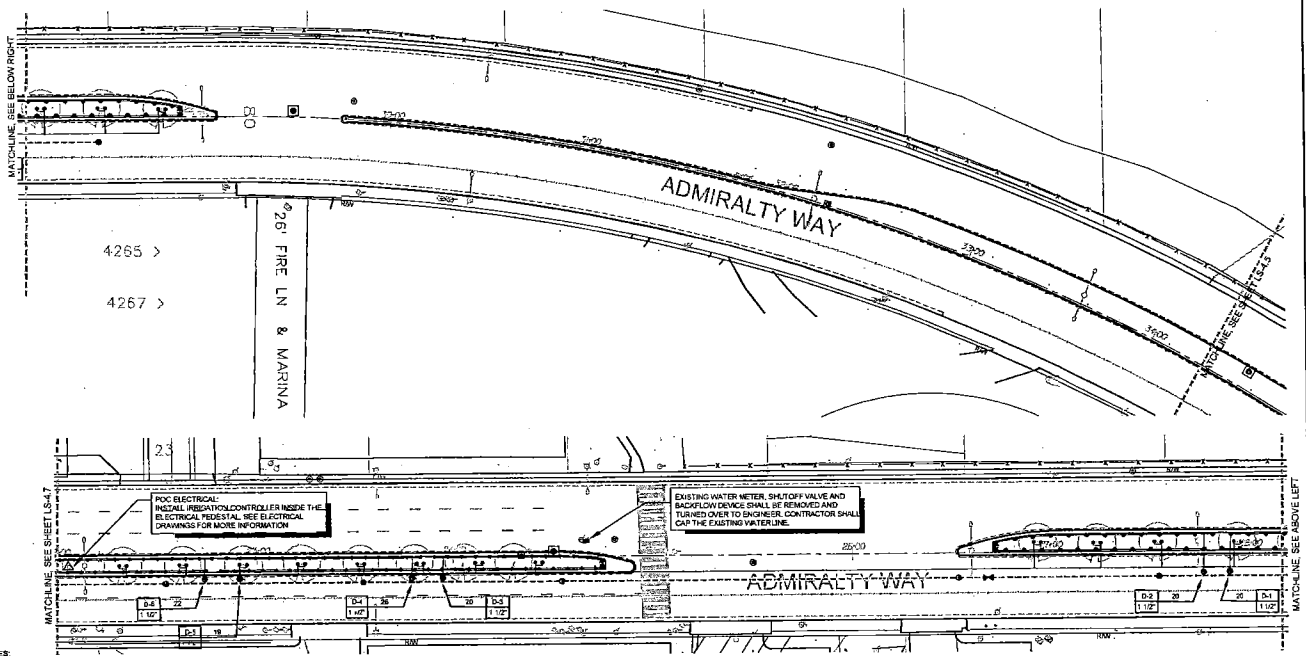
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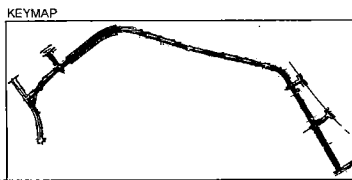


COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS  
PRELIMINARY UTILITY NOTICE  
MARINA DEL REY LANDSCAPING

IRRIGATION PLAN LS-4.5



- IRRIGATION NOTES:**
1. SEE SHEET LS-1.3 FOR IRRIGATION LEGEND AND SHEET LS-1.2 FOR IRRIGATION INSTALLATION NOTES.
  2. SEE SHEET LS-4.8 AND 4.9 FOR IRRIGATION DETAILS.
  3. SEE SHEET LS-1.2 FOR GENERAL CONSTRUCTION/REMOVAL NOTES.
  4. WORK SHOWN ON THE IRRIGATION PLANS IS DIAGNOSTIC. LOCATE NEW IRRIGATION LINES, VALVES AND EQUIPMENT IN PLANTING AREAS. AVOID LOCATING LINES WHERE MAJOR TREES ARE PROPOSED.
  5. CONTRACTOR SHALL VERIFY THE EXISTING WATER PRESSURE AT THE PROPOSED POINT OF CONNECTION PRIOR TO INSTALLATION OF SYSTEM. WATER SERVICE AND WATER PRESSURE INFORMATION ARE AVAILABLE THROUGH THE WATER PURVEYOR, XXX WATER DISTRICT, XXXX AT (XXX)XXX-XXXX.
  6. ELECTRICAL METER, CONTRACTOR TO TIE INTO EXISTING METER AT THE SERVICE PEDISTAL. CONTRACTOR IS RESPONSIBLE FOR PURCHASING AND INSTALLING THE SERVICE PEDISTAL. REFER TO ELECTRICAL INSTALLATION NOTES ON SHEET E-1 FOR ADDITIONAL INFORMATION.
  7. P.O.C. FOR THE WATER TO BE DOWNSTREAM OF THE WATER METER. SEE IRRIGATION INSTALLATION NOTES FOR ADDITIONAL INFORMATION.
  8. SEE SHEET LS-1.3 FOR ABBREVIATION AND ACRONYM LEGEND AND UNDERGROUND UTILITY SYMBOLS.



WATER DEMAND:  
 TOTAL LANDSCAPE / IRRIGATED AREA: XXXX SF  
 MAXIMUM DEMAND: XX GPM  
 ESTIMATED ANNUAL WATER USAGE: XXXX GALLONS / YEAR

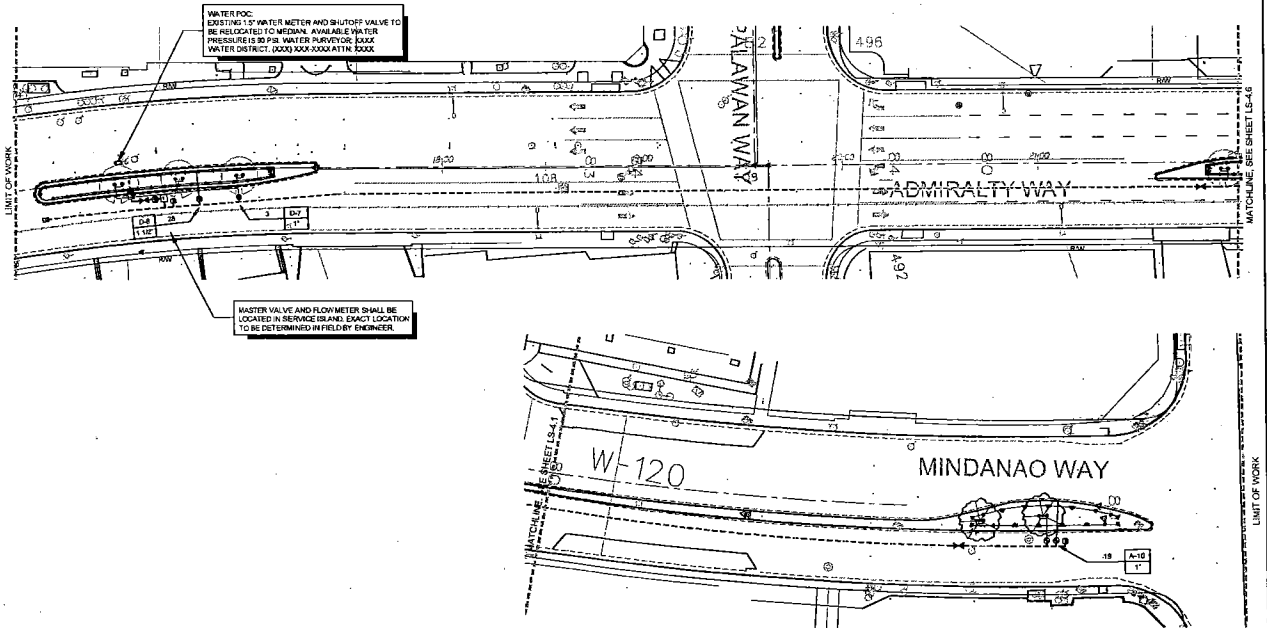
NO.	DATE	DESCRIPTION



**PRELIMINARY UTILITY NOTICE**  
 MARINA DEL REY LANDSCAPING

**IRRIGATION PLAN** **LS-4.6**

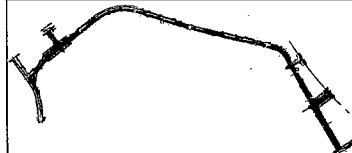
DATE: 4/26/2017 PCA: R46000438 R460018107 SHEET 1 OF 1



#### IRRIGATION NOTES:

1. SEE SHEET LS-1.3 FOR IRRIGATION LEGEND AND SHEET LS-1.3 FOR IRRIGATION INSTALLATION NOTES.
2. SEE SHEET LS-4.6 AND 4.9 FOR IRRIGATION DETAILS.
3. SEE SHEET LS-1.2 FOR GENERAL CONSTRUCTION/REMOVAL NOTES.
4. WORK SHOWN ON THE IRRIGATION PLANS IS DIAGRAMMATIC. LOCATE NEW IRRIGATION LINES, VALVES AND EQUIPMENT IN PLANTING AREAS. AVOID LOCATING LINES WHERE MAJOR TREES ARE PROPOSED.
5. CONTRACTOR SHALL VERIFY THE EXISTING WATER PRESSURE AT THE PROPOSED POINT OF CONNECTION PRIOR TO INSTALLATION OF SYSTEM. WATER SERVICE AND WATER PRESSURE INFORMATION ARE AVAILABLE THROUGH THE WATER PURVEYOR, XXXX WATER DISTRICT: XXXX AT (XXX)XXX-XXXX.
6. ELECTRICAL METER. CONTRACTOR TO RE-INTO ELECTRICAL METER AT THE SERVICE PEDestal. CONTRACTOR IS RESPONSIBLE FOR PURCHASING AND INSTALLING THE SERVICE PEDestal. REFER TO ELECTRICAL INSTALLATION NOTES ON SHEET E-1 FOR ADDITIONAL INFORMATION.
7. P.O.C. FOR THE WATER TO BE DOWNSTREAM OF THE WATER METER. SEE IRRIGATION INSTALLATION NOTES FOR ADDITIONAL INFORMATION.
8. SEE SHEET LS-1.3 FOR ABBREVIATION AND ACRONYM LEGEND AND UNDERGROUND UTILITY SYMBOLS.


#### KEYMAP



WATER DEMAND:  
TOTAL LANDSCAPE IRRIGATED AREA: XXXX SF  
MAXIMUM DEMAND: XX GPM  
ESTIMATED ANNUAL WATER USAGE: XXXX GALLONS / YEAR

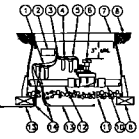
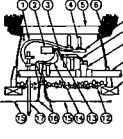
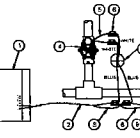
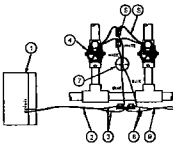
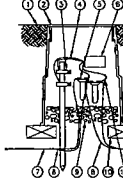
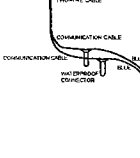
DATE	BY	DESCRIPTION




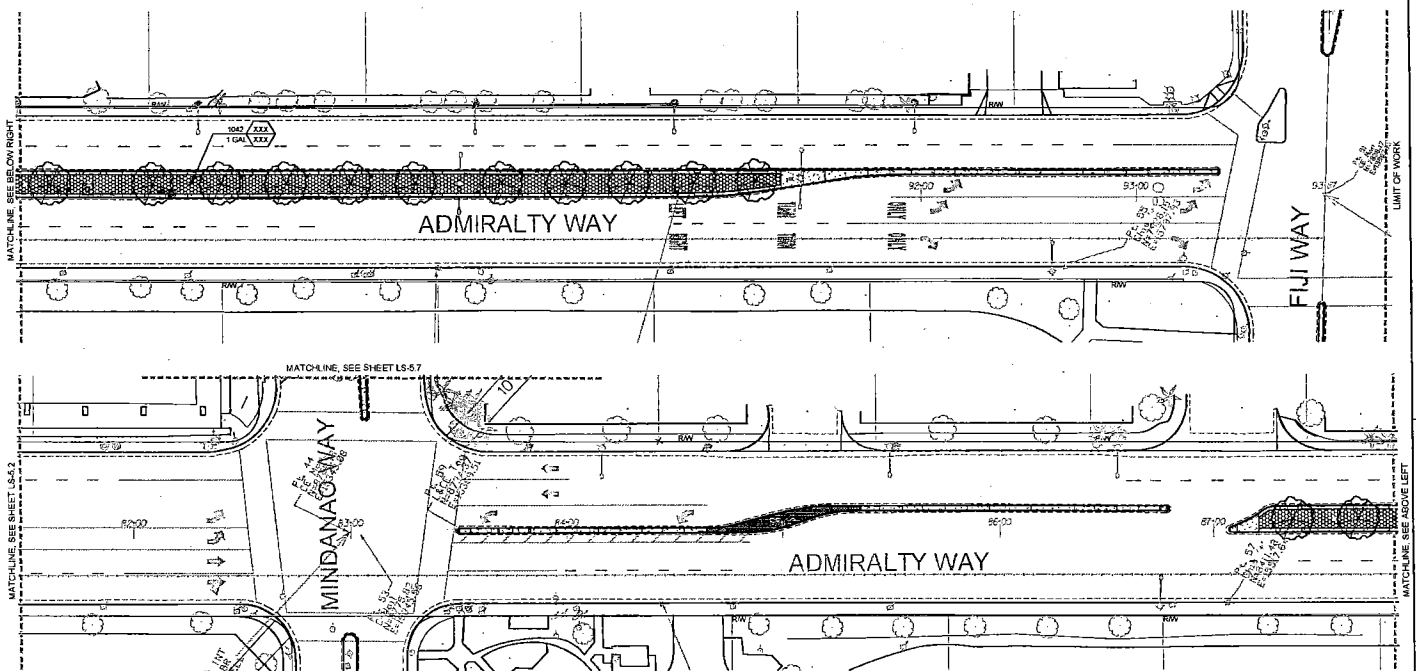
	
SCALE: 1"=20' COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS PRELIMINARY UTILITY NOTICE MARINA DEL REY LANDSCAPING IRRIGATION PLAN DATE: 4/26/2012 PROJECT NUMBER: 104-80000-36 SHEET: 1 OF 1	



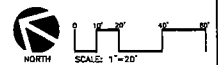
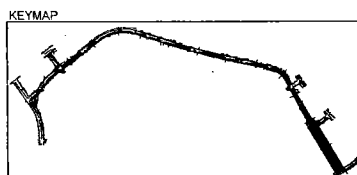


 <p>NOTES: 1. MAXIMUM LENGTH OF SECONDARY WIRE PATH (14 AWG) FROM FIELD DECODER TO SOLENOID IS 450 FEET. 2. PLACE 3 FEET OF EXTRA WIRE IN EVERY VALVE BOX FOR EASIER SERVICING.</p>	<ol style="list-style-type: none"> <li>1 BLUE WIRE FROM FIELD DECODER (1 OF 2)</li> <li>2 FIELD DECODER: RAIN BIRD FD-152TUF M1811 DECODER OR FD-152TUF M150N DECODER</li> <li>3 WHITE WIRE FROM FIELD DECODER (1 OF 2)</li> <li>4 WATERPROOF WIRE CONNECTOR: 3M DRY-4 OR AGENCY APPROVED EQUAL (1 OF 4)</li> <li>5 SOLENOID WIRE (1 OF 2)</li> <li>6 REMOTE CONTROL VALVE</li> <li>7 CONCRETE VALVE BOX WITH COVER</li> <li>8 FINISH GRADE ON TOP OF MULCH</li> <li>9 BRICK (1 OF 4)</li> <li>10 8" MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL</li> <li>11 PVC MAINLINE PIPE</li> <li>12 PVC LATERAL PIPE</li> <li>13 TWO-WIRE CABLE TO NEXT DEVICE: FIELD DECODER, SENSOR DECODER, LINE SURGE PROTECTOR OR CONTROLLER</li> <li>14 COMMUNICATION WIRE TO NEXT DEVICE: FIELD DECODER, SENSOR DECODER, LINE SURGE PROTECTOR OR CONTROLLER</li> </ol>	 <ol style="list-style-type: none"> <li>1 GREEN/YELLOW WIRE FROM FD-152TUF TO GROUNDING ROD BRASS CLAMP (1 OF 2)</li> <li>2 RAIN BIRD FD-152TUF M150N SENSOR DECODER OR AGENCY APPROVED EQUAL</li> <li>3 RED WIRE FROM FD-152TUF TO FLOW SENSOR</li> <li>4 WATERPROOF WIRE CONNECTOR: 3M DRY-4 OR AGENCY APPROVED EQUAL (1 OF 2)</li> <li>5 CONCRETE VALVE BOX</li> <li>6 FINISH GRADE ON TOP OF MULCH</li> <li>7 GROUND WIRE FROM FD-152TUF TO WATERPROOF CONNECTOR (1 OF 2)</li> <li>8 FLOW SENSOR WIRE (1 OF 2)</li> <li>9 PVC MAINLINE PIPE</li> <li>10 BRICK (1 OF 4)</li> <li>11 8" MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL</li> <li>12 BLACK WIRE FROM FD-152TUF TO FLOW SENSOR</li> <li>13 BLUE WIRE FROM FD-152TUF (1 OF 2)</li> <li>14 TWO-WIRE CABLE TO NEXT DEVICE</li> <li>15 COMMUNICATION WIRE TO NEXT DEVICE</li> <li>16 GROUNDING ROD</li> </ol> <p>NOTES: 1. MAXIMUM LENGTH OF SECONDARY WIRE PATH (14 AWG) FROM DECODER TO FLOW SENSOR IS 450 FEET. PLACE 3 FEET OF EXTRA WIRE IN VALVE BOX FOR EASY SERVICING. 2. INSTALL A PULSE TRANSDUCER (PT222) BETWEEN THIS SENSOR DECODER AND THE FLOW SENSOR IF REQUIRED. 4. GROUNDING SHOULD BE TO 10 OHMS OR LESS.</p>	 <ol style="list-style-type: none"> <li>1 TWO-WIRE DECODER CONTROLLER: SEE IRRIGATION LEGEND</li> <li>2 TWO-WIRE TO ESP/LAD CONTROLLER</li> <li>3 COMMUNICATION WIRE TO ESP/LAD CONTROLLER</li> <li>4 SOLENOID VALVE OR MASTER VALVE</li> <li>5 BRICK (1 OF 4)</li> <li>6 WATERPROOF WIRE CONNECTOR: 3M DRY-4 OR AGENCY APPROVED EQUAL (1 OF 2)</li> <li>7 FIELD DECODER: RAIN BIRD FD-152TUF M1811 DECODER OR AGENCY APPROVED EQUAL</li> <li>8 COMMUNICATION WIRE TO NEXT DEVICE: FIELD DECODER, SENSOR DECODER OR LINE SURGE PROTECTOR</li> <li>9 TWO-WIRE CABLE TO NEXT DEVICE: FIELD DECODER, SENSOR DECODER OR LINE SURGE PROTECTOR</li> <li>10 8" MINIMUM DEPTH OF SECONDARY WIRE PATH (14 AWG) FROM FIELD DECODER TO SOLENOID IS 450 FEET.</li> </ol> <p>NOTE: 1. MAXIMUM LENGTH OF SECONDARY WIRE PATH (14 AWG) FROM FIELD DECODER TO SOLENOID IS 450 FEET.</p>
<p>⑥ DECODER TO REMOTE CONTROL VALVE</p>  <p>NOTES: 1. MAXIMUM LENGTH OF SECONDARY WIRE PATH (14 AWG) FROM DECODER TO SOLENOID IS 450 FEET. 2. IF OPERATING TWO VALVES PER DECODER ADDRESS, CALCULATE THE DISTANCE OF EACH OF THE TWO VALVES FROM THE DECODER AND ADD THE DISTANCES TOGETHER. THE TOTAL DISTANCE MUST NOT EXCEED 450 FEET.</p>	<ol style="list-style-type: none"> <li>1 TWO-WIRE DECODER CONTROLLER: SEE IRRIGATION LEGEND</li> <li>2 TWO-WIRE CABLE TO CONTROLLER</li> <li>3 COMMUNICATION WIRE TO CONTROLLER</li> <li>4 SOLENOID VALVE (1 OF 2)</li> <li>5 SOLENOID WIRE (1 OF 2)</li> <li>6 WATERPROOF WIRE CONNECTOR: 3M DRY-4 OR AGENCY APPROVED EQUAL (1 OF 4)</li> <li>7 FIELD DECODER: RAIN BIRD FD-152TUF M1811 DECODER OR AGENCY APPROVED EQUAL</li> <li>8 COMMUNICATION WIRE TO NEXT DEVICE: FIELD DECODER, SENSOR DECODER OR LINE SURGE PROTECTOR</li> <li>9 TWO-WIRE CABLE TO NEXT DEVICE: FIELD DECODER, SENSOR DECODER OR LINE SURGE PROTECTOR</li> </ol>	<p>⑦ DECODER TO FLOW SENSOR</p>  <p>NOTES: 1. LSP-1000 SHALL BE INSTALLED EVERY 100 FEET OR FOR EVERY EIGHT DECODERS ON TWO-WIRE PATH. 2. LSP-1000 TO BE INSTALLED AT END OF WIRE RUN THAT TERMINATES IN THE FIELD (EVALUATION REQUIRED).</p>	<p>⑧ DECODER TO VALVE AND CONTROLLER</p>  <p>NOTE: 1. MAXIMUM LENGTH OF SECONDARY WIRE PATH (14 AWG) FROM DECODER TO SOLENOID IS 450 FEET.</p>
<p>⑨ DECODER TO MULTIPLE VALVES</p>	<p>⑩ DECODER TO GROUNDING ROD</p>	<p>⑪ DECODER WIRING DIAGRAM, TYP.</p>	<p>⑫ DECODER WIRING DIAGRAM, TYP.</p>

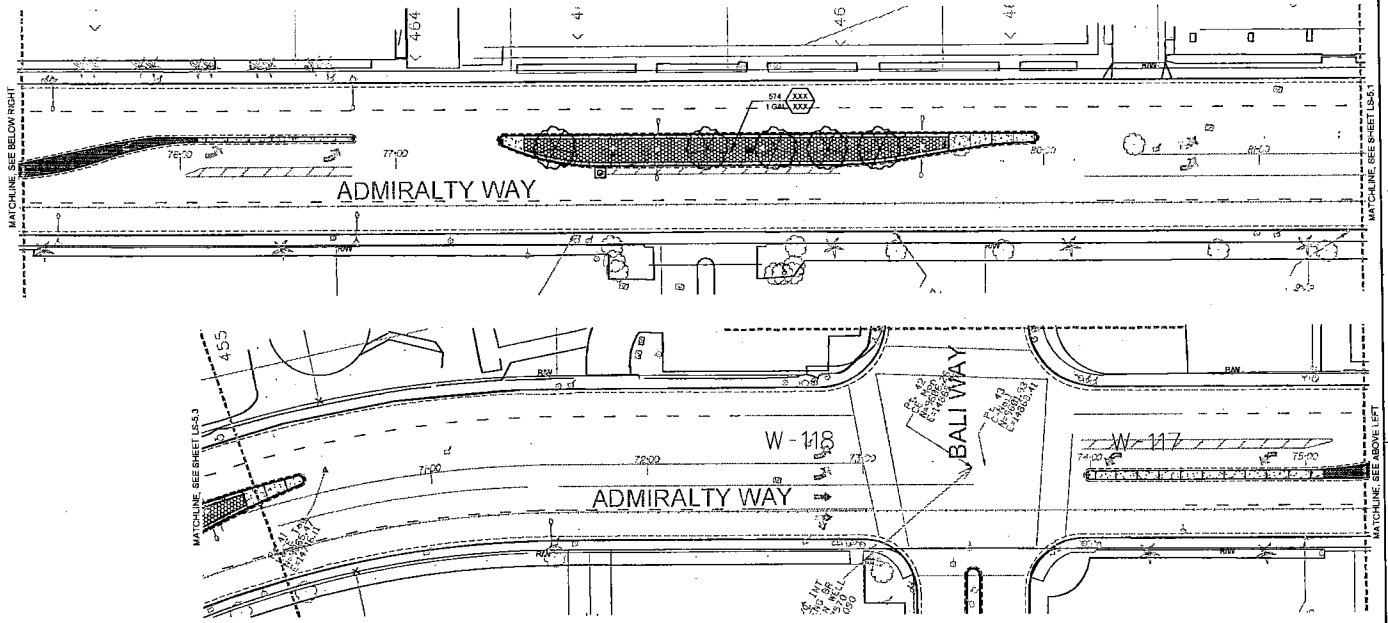
		COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS PRELIMINARY UTILITY NOTICE MARINA DEL REY LANDSCAPING	
DATE	REVISIONS	DATE	REVISIONS
01/15/2012	1	01/15/2012	1
IRRIGATION DETAILS		ILS-4.9	



- NOTES:
1. SEE SHEET LS-1.2 FOR PLANTING NOTES.
  2. SEE SHEET LS-1.3 OR LS-5.7 FOR PLANTING LEGEND.
  3. SEE SHEET LS-5.9 FOR PLANTING DETAILS.
  4. SEE SHEET LS-1.3 FOR ABBREVIATION AND ACRONYM LEGEND, SYMBOLS LEGEND, AND UNDERGROUND UTILITY SYMBOLS.

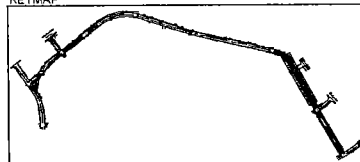


		COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS <b>PRELIMINARY UTILITY NOTICE</b> <b>MARINA DEL REY LANDSCAPING</b>							
CONSTRUCTION PLAN		<b>LS-5.1</b>							
REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	DESCRIPTION				DATE: 4/16/2013 PCA: 37480000438 TUGO: 15137	SHEET 8 OF 8	
NO.	DATE	DESCRIPTION							



- NOTES:
1. SEE SHEET LS-1.2 FOR PLANTING NOTES.
  2. SEE SHEET LS-1.3 OR LS-5.7 FOR PLANTING LEGEND.
  3. SEE SHEET LS-5.9 FOR PLANTING DETAILS.
  4. SEE SHEET LS-1.3 FOR ABBREVIATION AND ACRONYM LEGEND, SYMBOLS LEGEND, AND UNDERGROUND UTILITY SYMBOLS.

KEYMAP



NO.	DATE	DESCRIPTION
1	01/11/2011	ISSUED FOR PERMIT
2	01/11/2011	ISSUED FOR PERMIT
3	01/11/2011	ISSUED FOR PERMIT
4	01/11/2011	ISSUED FOR PERMIT
5	01/11/2011	ISSUED FOR PERMIT
6	01/11/2011	ISSUED FOR PERMIT
7	01/11/2011	ISSUED FOR PERMIT
8	01/11/2011	ISSUED FOR PERMIT
9	01/11/2011	ISSUED FOR PERMIT
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COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

PRELIMINARY UTILITY NOTICE

MARINA DEL REY LANDSCAPING

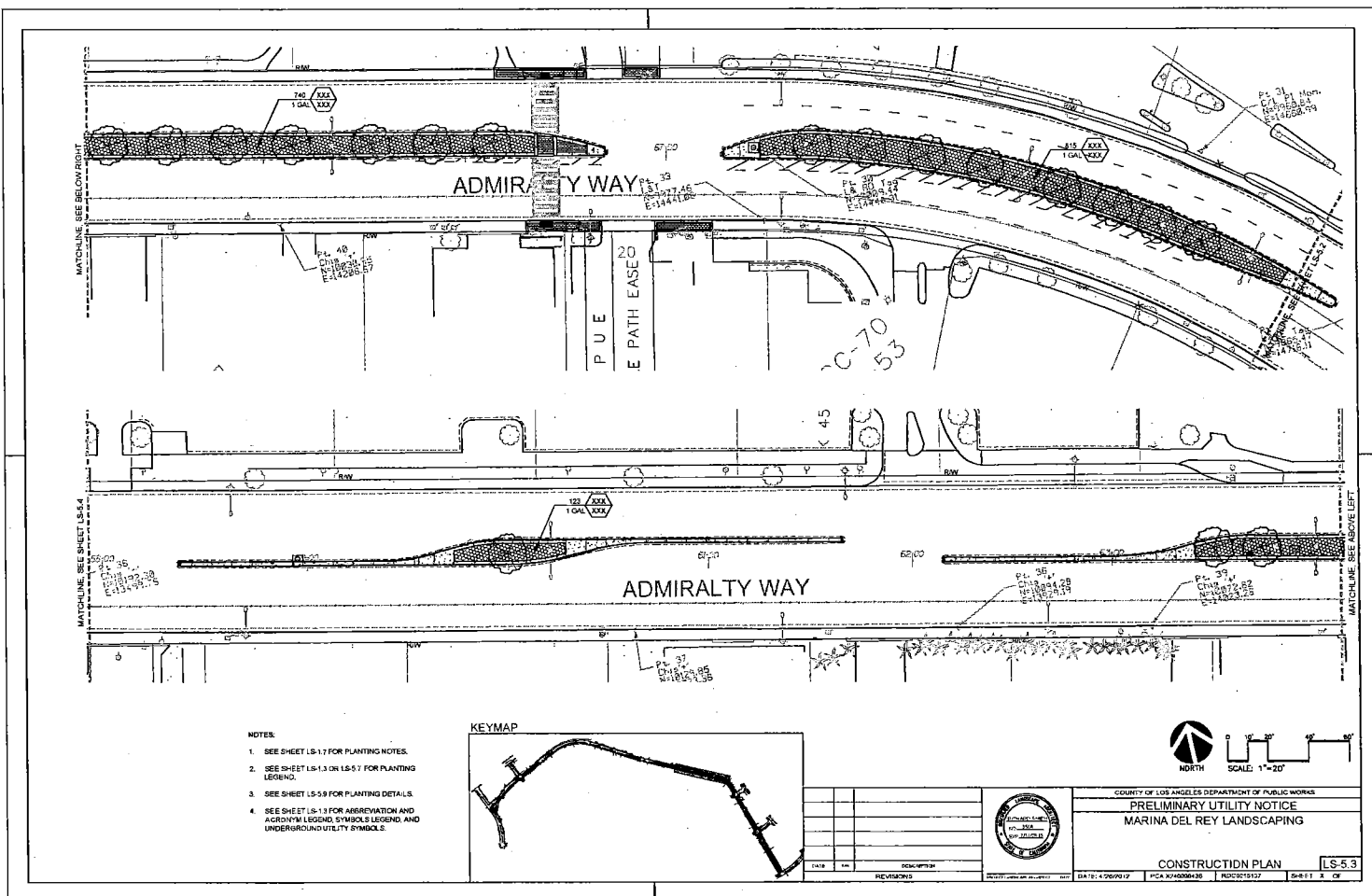
CONSTRUCTION PLAN **LS-5.2**

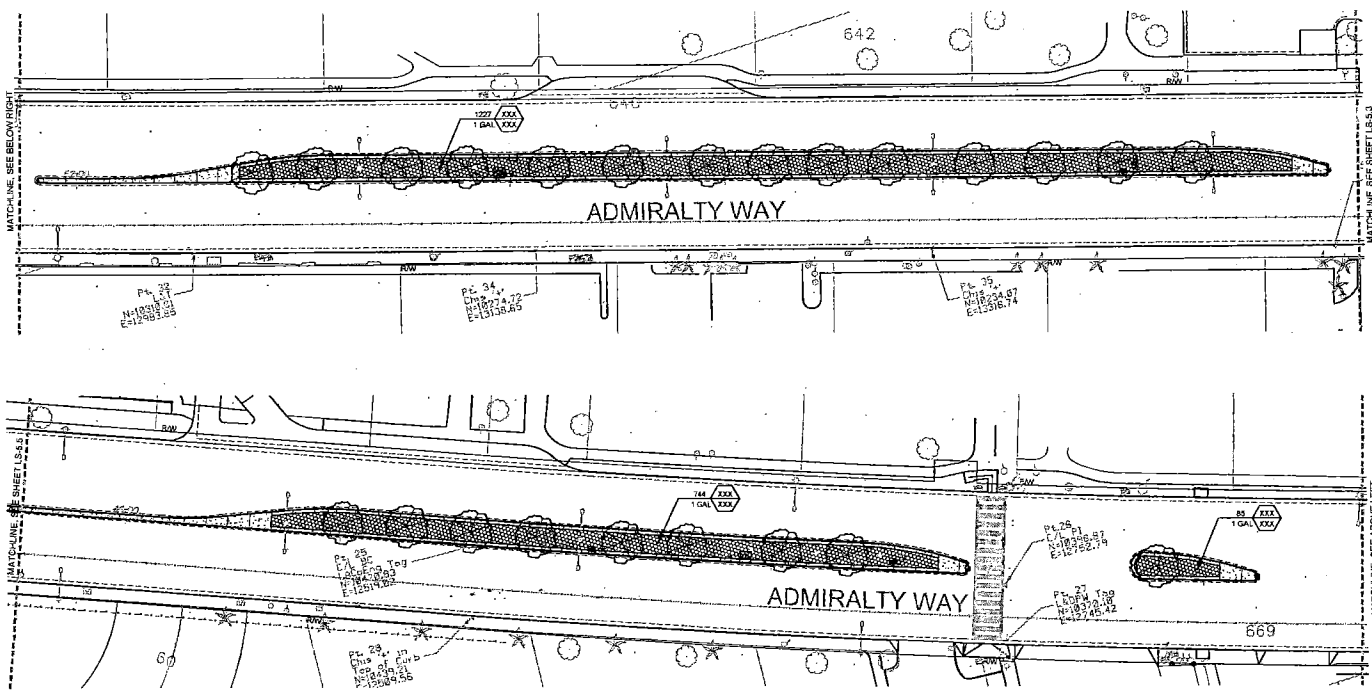
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PROJECT: 01/11/2011

REVISIONS: 01/11/2011

SHEET: 1 OF 1

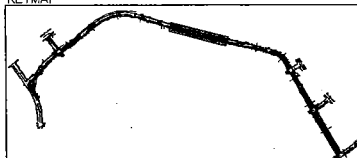




NOTES:

1. SEE SHEET LS-12 FOR PLANTING NOTES.
2. SEE SHEET LS-13 OR LS-5.7 FOR PLANTING LEGEND.
3. SEE SHEET LS-5.5 FOR PLANTING DETAILS.
4. SEE SHEET LS-13 FOR ABBREVIATION AND ACRONYM LEGEND, SYMBOLS LEGEND, AND UNDERGROUND UTILITY SYMBOLS.

KEYMAP



COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

PRELIMINARY UTILITY NOTICE  
MARINA DEL REY LANDSCAPING

CONSTRUCTION PLAN

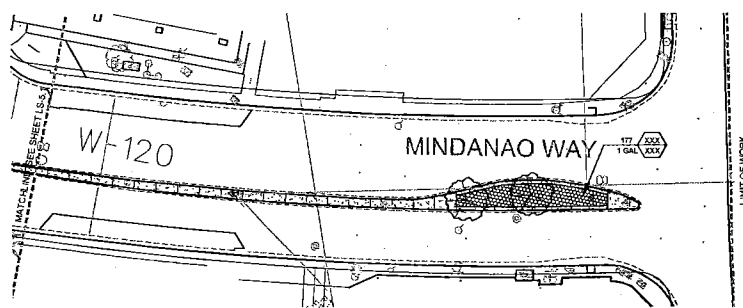
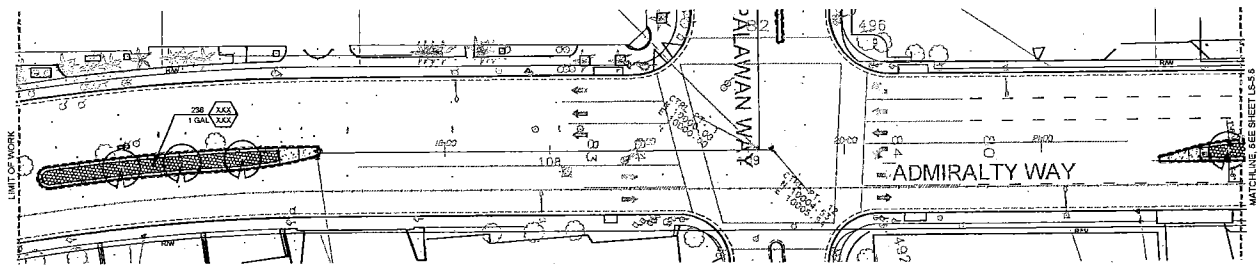
LS-5.4

DATE	1/14	DESIGNER	EDWARDS	DATE: 1/14/2012	PROJECT: 1000000000	PC: 1000000000	RD: 1000000000	SH: 1000000000	GP: 1000000000
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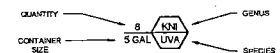




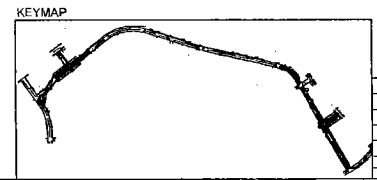


PLANTING LEGEND						
ID	SYMBOL	BOTANICAL NAME / (COMMON NAME)	SIZE	QTY	SPACING	PLANTING
TREES						
		ARBUS MARIANA / (STRAWBERRY TREE)	24" BOX	XX	STANDARD	L
		ERIOBOTRYA DEFELICA / (BRONZE LOQUAT)	24" BOX	XX	STANDARD	L
SHRUBS, VINES & GROUNDCOVERS						
ACH		ACHILLEA M. PAPPONA / (YARRROW)	1 GAL.	XX	2' O.C.	18" L
AGA		AGAVE COLORATA / (MECAL)	1 GAL.	XX	2' O.C.	18" L
CEA		CELANOTHUS M. 'PROSTY DAWN' / (MARITIME CEANOTHUS)	1 GAL.	XX	2' O.C.	30" L
SEI		SENECIO MANDALUSCAE / (NCG)	1 GAL.	XX	2' O.C.	24" L
LEY		LEYALUS TINTICODIDES / (CREEPING WILD RYE)	1 GAL.	XX	2' O.C.	18" L
LIM		LIMNOLIM PEREZII / (SEA LAVENDER)	1 GAL.	XX	2' O.C.	18" L
TRA		TRADESCANTIA P. PURPUREA / (PURPLE HEART)	1 GAL.	XX	1' O.C.	12" L
TUB		TUBAIGIA V. 'SILVER LACE' / (SOCIETY GARLIC)	1 GAL.	XX	1' O.C.	12" L

\* WATER USE PER WUCOL: VL=VERY LOW, L=LOW, M=MODERATE, H=HIGH



- NOTES:
- SEE SHEET LS-1.2 FOR PLANTING NOTES.
  - SEE SHEET LS-1.3 OR LS-5.7 FOR PLANTING LEGEND.
  - SEE SHEET LS-5.9 FOR PLANTING DETAILS.
  - SEE SHEET LS-1.3 FOR ABBREVIATION AND ACRONYM USING SYMBOLS, LEGEND, AND UNDERGROUND UTILITY SYMBOLS.



COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

PRELIMINARY UTILITY NOTICE

MARINA DEL REY LANDSCAPING

CONSTRUCTION PLAN

DATE: 05/05/17

PROJECT: 1040000400

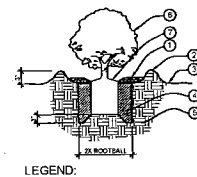
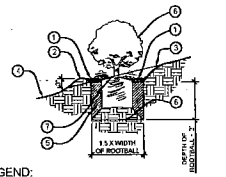
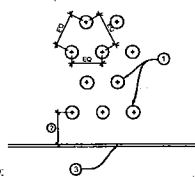
REVISION: 00000000

SHEET: 5 OF 12

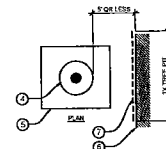
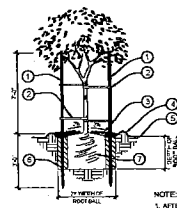
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NORTH

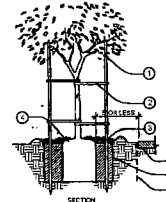
LS-5.7




①	② TRIANGULAR SPACING	SCALE: 1"=1'-0"	③ SHRUB PLANTING ON SLOPE	SCALE: 1"=1'-0"	④ SHRUB PLANTING	SCALE: 1"=1'-0"
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(K)	(H)	(E) TREE PLANTING/STAKING	SCALE: 1"=1'-0"	 (3) FINISH GRADE (4) ROOT BALL
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© ROOT BARRIER SCALE: 1"=1'-0"

				CITY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS	
				PRELIMINARY UTILITY NOTICE MARINA DEL REY LANDSCAPING	
				PLANTING DETAILS	
				LS-59	
DATE	BY	DESCRIPTION	PROJECT NO.	DATE	SCALE